

Estd : 1966-67



Sri Siddaganga Education Society (R.)

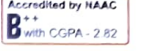
SREE SIDDAGANGA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(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: 15-03-2019

ECO-CLUB 2018-2019

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	Manohar B U, Mamatha Rani Mohanthi
I BA	HSK	Venkatesh
II BA	HEP	Shashidhara, Triveni
II BA	HSK	Govindaraju
III BA	HEP	Krishnamurthy V R, Bheemaprasad
III BA	HSK	Chikkanna E
I B.Sc	PCM	Mahadevaprasad D R, Usha B. K
I B.Sc	PMCs	Rakesh R Aradhya, Shivaganga P U
I B.Sc	CBZ	Nalina, Maruthi
I B.Sc	CZBt	Gurukiran, Bharathi
II B.Sc	PCM	Rangaswamy, Inchara Y
II B.Sc	PMCs	Karthik D R, Divya T.M
II B.Sc	CBZ	Aishwarya
III B.Sc	PCM	Dhanush Gowda, Ramya G
III B.Sc	PMCs	Prithvi S, Shobha B S
III B.Sc	CBZ	Jayasimha P, Shakunthala M S
I	BCA	N.S Manoj kumar, Sushmitha
II	BCA	Bhavana R , Lavankishore T K
III	BCA	Ganesh, Deepa
I B.Com	A	Karthik, Aditi
	B	Nagaveni, Yathish Gowda

P T O

II B.Com	A	Arathi K Ravani, Gowtham K R
	B	Devendra, Rekha
	C	Sahana N, M D Talhasamram
III B.Com	A	Bhavya G, Vinay G K
	B	Prasanna H D, Lavanya
I BBM		Bhumika, Ashok R G
I M.Com		Samreen, Roshan
II M.Com		Tejaswini H B, Yamuna K G


Signature of the Coordinator



Signature of the Principal
PRINCIPAL
Sree Siddaganga College
of Arts, Science and Commerce
B.H. Road, TUMKUR-572 102.


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

ENVIRONMENTAL AUIDIT 2018-19

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	MEDIUM
Energy Conversation	No wastage of Energy	HIGH
Sanitation	Toilet Facility Functional , Clean Drinking water	MEDIUM
	Average Score Value	HIGH


SIGNATURE OF THE CO- ORDINATOR
H.O.D. OF BOTANY
Sree Siddaganga College of
Arts, Science & Commerce,
B.H. Road, TUMKUR - 572 102


SIGNATURE OF THE PRINCIPAL
PRINCIPAL
Sree Siddaganga College
of Arts, Science and Commerce.
B.H. Road, TUMKUR-572 102.

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
4. No use of mobile phones in the campus

Signature of the co- coordinator

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Signature of the principal
PRINCIPAL

Sree Siddaganga College
of Arts, Science and Commerce.
B.H. Road, TUMKUR-572 102.

ECO-CLUB 2018-2019

(July 2018 – June- 2019)

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-Ordinator: Geethanjali K S Department of Botany

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

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

ECO-CLUB 2018-2019

President: Dr.R. Ananda kumari, Principal
Co-Ordinator: Geethanjali K S Department of Botany
IQAC Coordinator: C.S. Somashekaraiah, Department of Physics

Date Commenced 20th July 2018
Date completed: 30th March 2019

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	172
2	B.Sc	566
3	B.Com	522
4	BBM	33
5	BCA	221
6	M.COM	101
	TOTAL	1615

1	Number of UGC Staff	24
2	Number of Management Staff	17
3	Number of Part time Staff	42
	TOTAL	83

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?

115

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 2018-2019

➤ TREES

SL NO	COMMON NAME	BOTANICAL NAME	FAMILY	Total number
01	Palm	Cocos	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	Pongamia glabra	Papilionaceae	2
08	Nagalinga pushpa	Couropita guianesis	Lecythidaceae	02
09	Pelto Porum	Peltoporum pterocarpum	Fabaceae	01
10	Ficus	Ficus elastica	Moraceae	02
11	Aegle	Aegle masrmelosus	Rutaceae	01
12	Silver oak	Grevillea robusta	Proteaceae	02
13	Neem plant	Azardichta indica	Meliaceae	02
14	Teak	Tectona grandis	Verbinaceae	01
15	Jack fruit	Artocarpus heterophyllus	Moraceae	01
16	Teak	Tectona grandis	Verbinaceae	01
17	Banana	Musa paradissiaca	Musaceae	02
18	Golden Cyprus	Cyprus	Cupressaceae Gymnosperma	6
19	Banni	Prosopiscineraria	Mimosaceae	01
20	Rain tree	Samania ssaman	Mimosae	02
21	Drum stick(Nuggae)	Moringa lifera	Moringaceae	02
22	Goose berry(Nelli)	Phyllanthus emblica	Euphorbiaceae	03
23	Naeralae	Syzygium cumini	myrtaceae	01

MEDICINAL PLANTS

Sl.No	Common name	Botanical name	Name of the Family
1	Nelanelli	Phyllanthus amarus	Euphorbiaceae
2	Madhunashini	Gymnema sylvestris	Asclepiadaceae
3	Turmeric	Curcuma longa	Zingiberaceae
4	Asparagus	Asparagus officinales	Liliaceae
5	Lemon grass	Cympopogon citratus	Gramineae
6	Long pepper	Piper longum	Piperaceae
7	Curry leaves	Murraya Koenigii	Rutaceae
8	Henna	Lavsonia inermis	Lythracewae
9	Vasaka	Adathoda Vasica	Acanthaceae
10	Ginger	Zingiber officinalis	Zingiberaceae
11	Pipli	Piper longum	Piperaceae

12	Satavari	Asparagus racemoses	Liliaceae
13	Deadly night shade	Solanum nigrum	Solanaceae
14	Clitoria	Clitoria ternatea	Papilionaceae
15	Coleus	Coleus aromaticus	Lamiaceae
16	Bowstring hemp	Sansevieria zeylanica	Draceneaceae
17	Maruga	Origanum majorana	Lamiaceae
18	Dhavana	Origanum species	Lamiaceae
19	Pudina	Mentha spicata	Lamiaceae
20	Lemon	Citrus	Rutaceae
21	Kaggaralae	Cinnamon Basil	Lamiaceae
22	Gloriosa	Gloriosa superba	Liliaceae
23	Sarpagandha	Rauwolfia serpentina	Apocyanaceae
24	Coffee	Coffea arabica	Rubiaceae
25	Jatropa	Jatropa curcas	Euphorbiaceae
26	Tulasi	Oscimum	lamiaceae
27	Brhami (Ondalga)	Ondalgabrahmi	Apiceae
28	Lolyae rasa	Aloe Vera	Liliaceae
29	Uttarani	Achyranthus aspera	Amaranthaceae
30	Neem(Bavu)	Azardichta indica	Meliaceae
31	Nagadali	Ruta graveolens	Rutaceae
	Amrutha balli	Tenospora cardifolia	Menispermaceae
	Calotropis	Calotropis gigantia	Asclepiadaceae

ORNAMENTAL PLANTS

Sl. no	Common name	Botanical name	Family
1	Speaker flower	Amaryllis	Amaryllidaceae
2	Vishamadhari	Clerodendron	Verbinaceae
3	Money plant (Pothas)	Epipremnun aureum	Araceae
4	Bryophyllum		
5	Nephrolepis	Nephrolepis	Polypodiaceae
6	Vitis	Vitis quadrangularis	Grape family
7	Pistia	Pistia species	Hydrocharitaceae
8	Eichhornia	Eichhornia	Hydrocharitaceae
9	Hydrilla	Hydrilla verticellata	ydrocharataceae
10	Bowstring hemp	Sansevieria zeylanica	Draceneaceae
11	Maruga	Origanum majorana	Lamiaceae
12	Kalli	Euphorbia tirukalli	Euphorbiaceae
13	Opuntia	Opuntia humifusa	Cactaceae
14	Satavari	Asparagus racemoses	Liliaceae
15	Deadly night shade	Solanum nigrum	Solanaceae
16	Pudina	Mentha spicata	Lamiaceae
17	Coleus	Coleus aromaticus	Lamiaceae
18	Kaggaralae	Cinnamon Basil	Lamiaceae
19	Brhami (Ondalga)	Ondalgabrahmi	Apiceae
20	Lolyae rasa	Aloe Vera	Liliaceae
21	Uttarani	Achyranthus aspera	Amaranthaceae

22	Anthurium	Anthrium andrium	Araceae
23	Ixora	Ixora	Rubiaceae
24	Croton	Croton	Euphorbiaceae
25	Acalypha	Acalypha species	Euphorbiaceae
26	Ruselia	Ruselia species	Scropulariaceae
27	Rose	Rosa indica	Rosaceae
28	Cycas	Cycas circinalis	Cycadaceae
29	Papaya	Carica Papaya	Caricaraceae
30	Bamboo	Bambusa indica	Poaceae
31	kanigalae	Nerium	Apocynaceae
32	Devakanigalae	Plumeria acuminata	Apocyanaceae
33	Tridax	Tridax procumbens	Asteraceae
34	Vinca rosea	Catharanthus roseus	Apocyanaceae
35	Star cactus		Cactaceae
36	Dracaena (Red)	Dracaena (Red)	Dracenaceae
37	Rose	Rosa indica	Rosaceae
38	Song of india (Green)	Dracaena	Dracinaceae
39	Passion flower	Passion flower	Passifloraceae
40	Kiss me quick	Portulaca pilosa	Euphorbiaceae
41	Touch me not	Mimosa pudica	Mimosaceae
42	Agave		Agavaceae
43	Bufallo grass	Grass species	Poaceae
44	Bougainvella	Bougainvilla spectabilis	Nictaginaceae
45	Bauhinia	Bauhinia divaricata	Fabaceae
46	Trumpet ceeper	Pyrostegia venusta	Bignoniaceae
47	Marigold	Marigold species	Asteraceae
48	Salvia	Salvia species	Lamiaceae
49	Geranium	Geranium species	Geraniaceae
50	4 ⁰ clock plant	Mirabilis Jalapa	Nyctaginaceae
51	Mussenda	Mussenda sp	rubiaceae
52	kanakambaram	Crossandra infundibuliformis	Acanthaceae
53	Foot ball lilly(May flower)	Scadoxusmultiflorus	Amaryllidaceae
54	Travellers tree	Ravenella madagaskarensis	Apocyanaceae

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	27046	NA	NA
August	48319	NA	NA
Sept	40434	NA	NA
Oct	44531	NA	NA
Nov	34989	NA	NA
Dec	36710	NA	NA
Jan	39775	NA	NA
Feb	42373	NA	NA
March	39353	NA	NA
Total	353530	NA	NA

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.

25. Does your college harvest rain water?

- 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
4. No use of mobile phones in the campus

Signature of the co- coordinator

H.O.D. OF BOTANY

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Signature of the principal

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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: 09th August 2019

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 2018-2019 and the self-assessment indicates
H (High-Green) . This is found to be correct.


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