

Estd : 1966-67



Sri Siddaganga Education Society (R.)

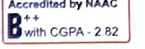
# SREE SIDDAGANGA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(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: 14-08-2021

## ECO-CLUB 2020-21

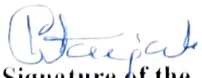
<b>President:</b>	<b>Dr.H.P Veerabhadraswamy, Principal</b>
<b>Co-Ordinator:</b>	<b>Geethanjali K S</b>
<b>IQAC Coordinator:</b>	<b>C.S. Somashekaraih</b>
<b>NAAC Coordinator:</b>	<b>Anil kumar M</b>

### Eco Club Members List

COURSE	COURSE	NAME	CONTACT NO.
I BA	HEP	Renukaraj M P	8904310561
		Soujanya S U	8792733406
I BA	HEE	Pushpalatha A N	7676375167
		Abhishek Ruban	9353327657
2 BA	HEP	Meghana	6364683212
		Gangaraju	6361639835
2 BA	HEE	Janani C	6366328363
		Madesh	6361393866
2 BA	HSK	Harish	8748957631
		Vaishnavi	9591945844
3 BA	HEP	Mamatharani Mohanthi	9108770348
		Manohar B U	8105845257
3 BA	HSK	Mallikarjun	9945861792
		Pallavi	8310201447
1 B.Com	A Section	Nandini G S	7483052818
		Naveen B	9353828263
	B Section	Bindushree D R	8904435079
		Prajwal M N	9019412293
2 B.Com	A Section	Kavitha B	8073495106
		Anil G	6366002284
	B Section	Swathi K	9353687776
		Vinay Patel B P	9731331976
3 B.Com	A Section	Aditi G	9740648518
		Karthik	9845617761
	B Section	Nagaveni S N	6360266765
		Shreedharamurthi	9740352852
1 BBM		Rakshit T R	7760482136
		Bhavya K R	7204086408
2 BBM		Nagaraj	8296942066
		Chandana	9353006416

P.T.O

2 BBM (women's college)		Shreelakshmi	9019544751
		Ranjitha	8088150275
3 BBM		Bhoomika	9148544090
		Moneesh	8971424208
1 M.Com		Rabiya	7349362848
		Sunil	6360812670
2 M.Com		Darshan N K	8722351622
		Tejaswini A	8496898836
1 BSc	PCM	Sushmitha B R	8792037854
		B Y Karthik	8660946192
1 BSc	PMCs	Harini T L	7411679831
		-	-
1 BSc	CBZ	Likhitha	8197813546
		Kushal Gowda	7337612772
1 BSc	CZBt	Hithaishini	7411450139
		Sudharshan	8660981208
2 BSc	PCM	Bhoomika M	9513101898
		Abhishek	9538289926
2 BSc	PMCs	Nikhil T S	8861798726
		-	-
2 BSc	CBZ	Rangalakshmi	6363314692
		KiranKumar	9353714501
2 BSc	CZBt	Arpitha G	7022876849
		Udaykumar DM	9164269713
3 BSc	PCM	Usha	9481584463
		Mahadev Prasad	7349550933
3 BSc	PMCs	Subramanya	9900976065
		Arpitha	9148472186
3 BSc	CBZ	Nalina	7676281755
		Venkatesh	7975305789
3 BSc	CZBt	Bharathi	8749056283
		Gurukiran	9113207970
1 BCA		Ayesha Sultana	9632434989
		Murali	9611672437
2 BCA		Manvanth	6360027629
		Bhoomika	8970501401
3 BCA		Tejas S	7259383164
		Sushmitha	9845732848

  
Signature of the Coordinator

  
Signature of the Principal

PRINCIPAL  
Sree Siddaganga College  
of Arts, Science and Commerce  
B.H. Road, TUMKUR-572102.

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

## ENVIRONMENTAL AUIDIT 2020-21

### 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	MEDIUM
Sanitation	Toilet Facility Functional , Clean Drinking water	HIGH
	<b>Average Score Value</b>	<b>HIGH</b>

  
SIGNATURE OF THE CO- ORDINATOR

  
SIGNATURE OF THE PRINCIPAL

PRINCIPAL  
Sree Siddaganga College  
of Arts, Science and Commerce  
B.H. Road, TUMKUR-572102.

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

**ENVIRONMENTAL AUIDIT 2020-21**

President: **Dr.H.P Veerabhadraswamy, Principal**  
Name of the co-Ordinator : **Geethanjali K S**  
Date Commenced: **5<sup>th</sup> May 2020**  
Date completed: **4<sup>th</sup> September 2021**

**1. What is the total strength of students and teachers of the college?**

No of students No of Teachers

Sl.no	Combination	Students strength I Year	Students strength II Year	Students strength III Year	Total strength
1	B A	77	119	47	243
2	B.Sc	216	181	211	608
3	B.Com	136	183	149	468
4	BBM	13	24	21	058
5	BCA	70	58	78	206
6	M.COM	43	25	----	68
	<b>TOTAL</b>				

1	Number of UGC Staff	16
2	Number of UGC Staff	02
3	Number of Management Staff	24
	Number of Part time Staff	25
	<b>TOTAL</b>	<b>67</b>

**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 2020-2021**

➤ **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	Samana saman	Mimosae	01
07	Pongamea(Hongae)	Pongamia glabra	Papilionaceae	2
08	Nagalinga pushpa	Couroupita guianensis	Lecythidaceae	02
09	Pelto Porum	Peltoporum pterocarpum	Fabaceae	01
10	Ficus	Ficus elastica	Moraceae	02
11	Aegle	Aegle marmelosus	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 paradisiaca	Musaceae	02
16	Golden Cyprus	Cyprus	Cupressaceae Gymnosperma	6
17	Banni	Prosopi scineraria	Mimosaceae	01
18	Rain tree	Samania saman	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(Palmistegargoulette)	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 guajava	Myrtaceae	01

**MEDICINAL PLANTS/ AROMATIC AND ORNAMENTAL 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 officinalis	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 zeylanica	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
41	Rangoon creeper	Quisqualis indica	Convolvulaceae
42	Tecoma	Tecoma stans	Bignoniaceae

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	<b>Electricity</b>	<ul style="list-style-type: none"> <li>standby modes</li> <li>Switch off Light bulbs and Fans when not required.</li> <li>Replace of bulbs from Tube lights and CFL</li> </ul>

2	<b>LPG</b>	<ul style="list-style-type: none"> <li>• LPG used in chemistry lab</li> <li>• Bio technology labs instead of electricity</li> <li>• College Canteen.</li> </ul>
3	<b>Solar</b>	Used in Laboratories <ul style="list-style-type: none"> <li>• Computer science</li> <li>• Mathematics</li> <li>• Botany</li> <li>• Zoology</li> </ul>

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

➤ Yes.

If yes, specify

- Solar lamps
- 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 amount in Rs	bill	LPG/ firewood consumption	Fuel for generator / lab equipments
July20	26661-00		-----	
August	40652-00		2396-00	
Sept	13291-00		-----	
Oct	28189-00		-----	
Nov	22389-00		-----	
Dec	12735-00		-----	
Jan21	37103-00		2796-00	
Feb	28738-00			
March	24380-00		2472-00	
April	61464-00		-----	
May			-----	
June			-----	



July	14136-00	-----	
August	23083-00	1679	
Sept	26161-00	-----	
Oct	25104-00	-----	
<b>Total</b>	<b>383086-00</b>	<b>9343-00</b>	

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
- 6) Hand wash points

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
- Close of taps when not required

**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-ordinator:

Signature of the principal;

Principal,  
Department of Arts, Science and Commerce  
B.H. Road, TUMKUR-572102.



# 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: 21<sup>st</sup> August 2021

## 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 2020-2021 and the self-assessment indicates  
H (High-Green ). This is found to be correct.

  
(Rev. Sankar)  
Project Officer



Registered office: C.P.R. Environmental Education Centre, 1 Eldams Road, Alwarpet, Chennai - 600 018.  
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Established jointly by the Ministry of Environment, Forest & Climate Change, Government of India,  
and The C.P. Ramaswami Aiyar Foundation