



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

ENVIRONMENT CLUB
ACADEMIC YEAR (2018-2019)



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

ENVIRONMENT CLUB (2018-2019)

S. NO.	CONTENTS
1	VISION & MISSION
2	MEMBERS OF THE CLUB
3	MEDICINAL GARDEN
4	GREEN AUDIT
5	ENVIRONMENTAL AWARENESS PROGRAMME
6	GREEN INDIA ESSAY COMPETITION



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

ENVIRONMENT CLUB ACTIVITIES (2018-2019)



The Environment club is a club for students to bring their ideas and interests on improving and maintaining the natural environment of the community and the campus. Environment awareness, cleaning up the environment, tree planting are some of the club's activities. Periodic meetings and planning of the programme by enthusiastic members are special features of the club.

Vision

Our vision is a greener Earth in which people are conscious of their environmental responsibilities and practice the principles of reduction, reuse and recycling of resources.

Mission

Our mission is to instil a sense of responsibility for the environment and a personal commitment to protect and preserve the environment among the youth. We are committed to working locally to improve the social, economic and environmental wellbeing of our community.

Objectives

The objectives of the Environment Club are:

1. Raise awareness and understanding of environmental issues.
2. Instil a sense of responsibility for the environment and a personal commitment to protect and
preserve the environment.
3. Educate and cultivate an appreciation and interest in the environment.
4. Find out solutions to environmental issues and put it into practice.
5. Ensure environment friendly practices in the college.

The Club will be involved in a diversity of programmes aimed at promoting environmental consciousness and protecting the environment. Members will contribute by providing creative ideas on how to initiate and organise programmes in line with the Club's objectives as well as in participating in hands-on "green" activities.



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

PLAN AND REVIEW OF ENVIRONMENT CLUB ACTIVITIES

1. Medicinal Garden

During the period 1st July 2018-20th Dec 2018; 6th January 2019-27th Feb 2019. The Environment Club and Department of Life Sciences Kristu Jayanti College, Bangalore, has expanded herbal garden and maintaining within the campus with more than 80 species of important medicinal and aromatic plants. Maintenance of medicinal plants garden. Students were given information about the commonly available medicinal plants and its uses and medicinal plant saplings were distributed to the interested students. The medicinal plants garden was maintained with proper labelling. The Medicinal Herbal Garden Kristu Jayanti College campus contains plants traditionally used to prevent and treat a variety of diseases,

2.Green Audit

The Environment Club conducted green audit 18th July 2018-30th Dec 2018; 6th January 2019-27th Feb 2019 for the assessment of energy consumption in overall campus in Kristu Jayanti College was planned. Students were assigned to observe the level of energy consumption on regular basis are aware about the need for environmental protection at a general level.

3. Environmental Awareness Programme

On the 19th December 2018, The Environment Club along with the Life Sciences Department conducted an environmental awareness programme. The programme was conducted in the college quadrangle. The event kicked off with a graceful dance which moved on to depict the relationship between mother earth and humans. The choreography made the students aware about the consequences of the human actions in exploiting the Earth's resources. Earth was correlated to a parent who forgives and continuous to provide irrespective of every cruel act the child has committed. The increase in pollution, dumping of wastes and overexploitation are major causes for natural disasters. The properties used for the promotion was made from recycled waste. The major prop made was a blue whale which is an endangered species. It depicted the major harm done to animals due to dumping of plastic wastes. It reminds about

the urgent need for protecting the environment. The students also represented various animals using face paint and showcased the harm done to animals. The promotion ended by reminding us our responsibility to protect the environment and to create a world free of pollution.

4. Conduct 6th National Level Green India Essay Competition 2018

The Environment Club in collaboration with the Department of Life Sciences of Kristu Jayanti College organized the 6th National Level 'GREEN INDIA' essay competition for Higher Secondary School students of Indian and International schools. The title for this year's competition was 'My Novel Solutions to Global Warming'. The last day of submission was November 27th, 2018. The contest received an enthusiastic response with over 38 participants from 9 schools from different parts of India. The Essays were evaluated by a panel of judges from the Life Sciences Department and the results were declared on 7th January 2019. . The felicitation ceremony of the competition was held on 18th February 2019. The best essay gets awarded with a cash prize of ten thousand rupees followed by prizes of seven thousand and five thousand rupees for the second and third place respectively, while the special prize winners received Rupees 1000 each along with a Citation. The participants were also instigated with a sense of commitment to protect and preserve the environment.

Composition of the club

Faculty coordinators

Dr. M. Sonia Angeline

Mrs. Priya Josson Akkara

Dr. U.Sivagamasundari

Dr.S. Jemimah Naine

Student Coordinators

Ms. Sabha Samreen- B.Sc. Biotechnology

Mr. Paul Reign - B.Sc. Microbiology.

Program Incharge

Dr. M. Sonia Angeline

Mrs. Priya Josson Akkara

Dr. U.Sivagamasundari

Dr.S. Jemimah Naine

Dr.Dileep Francis

Dr.Sriram

Co-ordinators/Incharge

Signature of HoD



Kristu Jayanti College

AUTONOMOUS Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

ENVIRONMENT CLUB (2018 -2019)

DATE	ACTIVITY
1 st July 2018-20 th Dec 2018; 6 th January 2019-27 th Feb 2019	MEDICINAL GARDEN
18 th July 2018-30 th Dec 2018; 6 th January 2019-27 th Feb 2019	GREEN AUDIT
18 th February 2019	GREEN INDIA ESSAY COMPETITION
19 th December 2018	ENVIRONMENTAL AWARENESS PROGRAMME

Co-ordinators/Incharge

Signature of HoD



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

ENVIRONMENT CLUB
DEPARTMENT OF LIFE SCIENCES

Medicinal Garden of Kristu Jayanti College

Date: 1st July 2018-20th Dec 2018; 6th January 2019-27th Feb 2019

Classes Attended & Number of beneficiaries: IInd and III year B.Sc. BT & MB

Name of the Event: Environmental Awareness Day 2018

Kristu Jayanti College, Bangalore, Department of Life Sciences has the privilege and has established herbal garden and maintaining within the campus with more than 80 species of important medicinal and aromatic plants, under the guidance of the management and professionally competent faculty, enthusiastic students strives to involve and get acquainted with the identity and usages of the medicinal plants which they come across. Keeping the view of herbal garden importance, the college management has actively supported the green initiatives of the department activities. The herbal garden is enriched with several herbs, irrigation facility and there are exclusive gardeners to maintain the garden. Plants are irrigated with water almost all the days. Efforts are still on to increase the present numbers. The garden includes everything from small herbaceous plants and vines to shrubs and trees, annuals to perennials, natives and non-natives. Various trees and herbs are marked with their common names and basic therapeutic uses so that common man can easily understand the importance of medicinal uses of herbs the functions. For clear and easy identification name plates of the plants with Kannada, Malayalam and botanical names are placed to help the students and public.

A place of quiet, communion, and learning, the herb garden is a haven for all who visit, work, and study on our campus. The herb garden also provides students with an opportunity to gain hands-on experience gathering and tending medicinal plants and offers a living example of many of the herbal medicines used. Our campus is eco-friendly, where we promote green and clean environment. Medicinal plants are located in close proximity to each other, labeled and organized into multiple demarcated garden beds, making them easy to identify and learn

about. While this design is not typically how the plants are found in nature, it ensures that the plants are clearly identifiable which facilitates learning for students and visitors. Subsequently, when walking in the surrounding wild areas on campus, where plants are intermingled together, the process of plant identification becomes easier. The medicinal garden is located near the main entrance and is easily accessible, it serves as an important tool for teaching and research also to promote the medicinal values of the plants which grow mostly wild, in our surrounding and whose properties are beneficial in maintaining a balance between man and nature. The list of these plants along with their scientific name and usages are displayed in garden. The college has a well stacked collection of medicinal plants kept and maintained in a decorated plot of land.

Usefulness of the medicinal garden:

Herbal gardens are the precious source of raw material for medicinal remedies used in primary health care. Presently medicinal and aromatic plants are becoming increasingly economically important due to growing demand for herbal products to cure different diseases. Number of advantages is gained from the establishment of herbal garden as is ready fresh natural resource available for ingredients medicinally.

HIGHLIGHTS

1. About 10 years old garden so having many old trees.
2. Rare species are present so garden plays a vital role in conservation of medicinal plants biodiversity.
3. Plants are properly labeled –Kannada name, Malayalam name, scientific name and its common medicinal uses.
4. Garden is frequently visited by Students of our institute and other institutes.

FUTURE INITIATIVES

1. Medicinal plants cultivation, Green house and preservation and supply for research purposes
2. Educate local community people on medicinal plants.
3. To maintain greenhouse to cultivate subtropical and tropical medicinal plants.
4. Facilitate the marketability of the products.
5. Enhance entrepreneurial skills of the students

List of the medicinal plants in Kristu Jayanti College

S.no	Botanical Name	Common Name	Kannada Name	Family Name
1	<i>Butea monosperma</i>	Flame-of-the-forest	Muthuga	<i>Fabaceae</i>
2	<i>Lobelia nicotianifolia</i>	Wild tobacco	Kadahogesoppu	<i>Campanulaceae</i>
3	<i>Vernonia amygdalina</i>	Bitter leaf	Bitter Leaf	<i>Asteraceae</i>
4	<i>Aloe arborescens</i>	Krantz aloe		<i>Asphodelaceae</i>
5	<i>Jasminum auriculatum</i>	Juhi	Sanna mallige	<i>Oleaceae</i>
6	<i>Pepper mint</i>	Mentha	Pudina	<i>Lamiaceae</i>
7	<i>Aerva lanata</i>	Mountain Knot Grass	Bilee sooli gida	<i>Amaranthaceae</i>
8	<i>Asparagus racemosus</i>	Satawari, Buttermilk root,	Halavu makkala taayi beru	<i>Asparagaceae</i>
9	<i>Leucas martinicensis</i>	Whitewort		<i>Lamiaceae</i>
10	<i>Lantana citrina</i>	Lantana	Kakke	<i>Verbenaceae</i>
11	<i>Strychnos nux-vomica</i>	Nux vomica	Hemmushti	<i>Loganiaceae</i>
12	<i>Tamarix aphylla</i>	Athel Pine,		<i>Tamaricaceae</i>
13	<i>Zingiber zerumbet</i>	Wild zinger		<i>Zingiberaceae</i>
14	<i>Costus flavescens</i>	Crepe ginger		<i>Costaceae</i>
15	<i>Hedychium flavescens</i>	Yellow Ginger Lily,	Suruli Sugandhi	<i>Zingiberaceae</i>
16	<i>Oaempferia galanga</i>	Aromatic Ginger, Resurrection lily,	Kachchura, Kachhoora	<i>Zingiberaceae</i>
17	<i>Osbeckia zeylanic</i>	Wall Osbeckia		<i>Melastomataceae</i>
18	<i>Desmodium gangeticum</i>	Sal Leaved Desmodium	Murelehonne	<i>Fabaceae</i>
19	<i>Leea indica</i>	Bandicoot Berry	Gadhapatri	<i>Vitaceae</i>
20	<i>Eryngium foetidum</i>	Long coriander		<i>Apiaceae</i>
21	<i>Plectranthus</i>	White Turmeric	Bili kus kyas	<i>Lamiaceae</i>

	<i>vetiveroides</i>		hulla	
22	<i>Curcuma zedoaria</i>	Zedoary	Kachora	<i>Zingiberaceae</i>
23	<i>Hemidesmus Indicus</i>	Indian Sarsaparilla		<i>Apocynaceae</i>
24	<i>Cryptostegia grandiflora</i>	rubber vine,	Hambu rubber gida	<i>Apocynaceae</i>
25	<i>Desmodium latifolium</i>	Velvet-Leaf	Murival	<i>Papilionoideae</i>
26	<i>Euphorbia</i>	Poinsettia	Elegalli	<i>Euphorbiaceae</i>
27	<i>Tuneria ulmifolia</i>	Yellow Alder, Yellow Buttercups,	Chiravathali	
28	<i>Tuneria ulmifolia(Yellow)</i>			
29	<i>Glycyrrhiza glabra</i>	Licorice		<i>Fabaceae</i>
30	<i>Gendarussa vulgaris</i>	Gandarusa		<i>Acanthaceae</i>
31	<i>Vitex trifolia</i>	Three leaved chaste tree		
32	<i>Cissus quadranglaris</i>	Veldt Grape, Devil's Backbone		<i>Vitaceae</i>
33	<i>Commiphora caudata</i>	Hill mango		<i>Burseraceae</i>
34	<i>Houttuynia cordata</i>	Chameleon Plant		<i>Saururaceae</i>
35	<i>Kalanchoe pinnate</i>	Air plant		<i>Crassulaceae</i>
36	<i>Asclepias curassavica</i>	Blood flower		<i>Apocynaceae</i>
37	<i>Costus pictus</i>	Insulin Plant		<i>Costaceae</i>
38	<i>Clitorea ternatea</i>	Butterfly pea		<i>Fabaceae</i>
39	<i>Gymnema sylvestre</i>	Gurmar		<i>Apocynaceae</i>
40	<i>Decalepis hamiltonii</i>	Swallow-Root		<i>Apocynaceae.</i>
41	<i>Crotalaria retusa</i>	Rettle weed		<i>Legumes</i>
42	<i>Hemigraphis colorata</i>	Tincure plant		<i>Acanthaceae</i>
43	<i>Barleria prionitis</i>	Kantajati		
44	<i>Rhinacanthus nasutus</i>	Snake jasmine		<i>Acanthaceae</i>
45	<i>Vattakaka volubilis</i>	Sneeze Wort		<i>Asclepiadaceae</i>
46	<i>Jasminium rigidium</i>	Crowded-Flower		<i>Oleaceae</i>

		Jasmine		
47	<i>Jatropha maheshwari</i>	Physic nut		<i>Euphorbiaceae.</i>
48	<i>Plantago ovata</i>	Blond psyllium		<u>Plantaginaceae</u>
49	<i>Clerodendrum serratum</i>	Blue fountain brush		<i>Lamiaceae</i>
50	<i>Maranta arundinaceae</i>	Arrow root		<i>Marantaceae</i>
51	<i>Justicia betonica</i>	Squirrel tail		<i>Acanthaceae</i>
52	<i>Nothapodytes nimmoniana</i>	Ghanera	Durvasane mara	<i>Icacinaceae</i>
53	<i>Fragaria ananassa</i>	Strawberry		<i>Rosaceae</i>
54	<i>Aplinia purpurea</i>	Red Ginger, Ostrich Plume		<i>Zingiberaceae</i>
55	<i>Impatiens repens</i>	Yellow Canary Balsam,		<i>Balsaminaceae</i>
56	<i>Centella asiatica</i>	Indian pennywort		<i>Umbellifers</i>
57	<i>Hydrocotyle leucopholea</i>			<i>Apiaceae</i>
58	<i>Indigofera longiracemosa</i>	Indigofera		<i>Fabaceae</i>
59	<i>Polianthes tuberosum</i>	Mexican tuberose		<i>Agavaceae</i>
60	<i>Sansevieria trifasciata</i>	Snake plant		<i>Asparagaceae</i>
61	<i>Ruta graveolans</i>	Rue		<i>Rutaceae</i>
62	<i>Begonia malbarcia</i>	East Himalayan Begonia		<i>Begoniaceae</i>
63	<i>Ocimum basilicum</i>	Sweet basil		<u>Lamiaceae</u>
64	<i>Ocimum tenuiflorum</i>	Holy basil		<u>Lamiaceae</u>
65	<i>Cymbopogan citratus</i>	Lemon grass	Majjigehullu	<i>Poaceae</i>
66	<i>Schefflera venulosa</i>	Wild umbrella tree	Billi	<i>Araliaceae</i>
67	<i>Nyctanthes arbor-tristis(big)</i>	Coral Jasmine		<i>Oleaceae</i>

68	<i>Alpinia calcarata</i>	Snap Ginger		<i>Zingiberaceae</i>
69	<i>Eupatorium triplinerve</i>	Ayapana		<i>Compositae</i>
70	<i>Adhatoda zeyanica</i>	Adusa		<i>Acanthaceae</i>
71	<i>Piper betel</i>	Betel leaf		<i>Piperaceae</i>
72	<i>Andrographis paniculata</i>	Kariyat,	Nelaberu	<i>Acanthaceae</i>
73	<i>Aloe vera</i>	Aloe vera		<i>Asphodelaceae</i>
74	<i>Bacopa monnieri</i>	Brahmi,		<i>Scrophulariaceae</i>
75	<i>Leucas martinicensis</i>	Whitewort		<i>Lamiaceae</i>
76	<i>Amorphophallus paeoniifolius</i>	Elephant Foot Yam	Gandira, Suvarna-gadde	<i>Araceae</i>

Students labelling the plants



Medicinal and aromatic plants



Regular monitoring of the medicinal plants

Report prepared by Dr. M. Sonia Angeline

Signature of HoD

LIST OF PARTICIPANTS

S No.	Name	Registration No.	Class
1.	AKSHITHA PRITHVI A	16LS1A101	III BSc BBG
2.	ANDREAS ALWYN CASTELINO	16LS1A102	III BSc BBG
3.	BABY THANKAM ANTONY	16LS1A103	III BSc BBG
4.	CHRISTINA SCARIA SRAMBICAL	16LS1A104	III BSc BBG
5.	DINDORKAR KEVIN MATTHEW VIVEK	16LS1A105	III BSc BBG
6.	HEAVEN FERNANDEZ	16LS1A106	III BSc BBG
7.	MRUNMAYI ASHISH GADRE	16LS1A107	III BSc BBG
8.	NAMIA MANSOOR	16LS1A108	III BSc BBG
9.	NITHIKA BENNY	16LS1A109	III BSc BBG
10.	NITHISHKUMAR M	16LS1A110	III BSc BBG
11.	NOASA A SANGMA	16LS1A111	III BSc BBG
12.	ROSE MATHEW	16LS1A112	III BSc BBG
13.	SHIYON ANTO V	16LS1A113	III BSc BBG
14.	SHREYASHI CHANDA	16LS1A114	III BSc BBG
15.	THOMAS GEORGE	16LS1A115	III BSc BBG
16.	WINNY WILSON	16LS1A116	III BSc BBG
17.	YASHWITHA VEERAVALLI	16LS1A117	III BSc BBG
18.	YODHAANJALI J R	16LS1A118	III BSc BBG
19.	AILEEN SARA VIJI	16LS1H119	III BSc BBG
20.	ANANYA S PRABHU	16LS1H120	III BSc BBG
21.	ANIKETH P	16LS1H121	III BSc BBG
22.	ARBIYA BANU	16LS1H122	III BSc BBG
23.	ASHWINI S	16LS1H123	III BSc BBG
24.	AYESHA	16LS1H124	III BSc BBG
25.	AYESHA FIRDOSE	16LS1H125	III BSc BBG
26.	BHUVANESHWARI R	16LS1H126	III BSc BBG
27.	CATHERINE SNEHA A	16LS1H127	III BSc BBG
28.	HEMAVATHY L	16LS1H128	III BSc BBG
29.	NEHA MAHESH	16LS1H129	III BSc BBG
30.	NITHIN BABY	16LS1H130	III BSc BBG
31.	POOJA S	16LS1H131	III BSc BBG
32.	SAMUEL WESLEY JOSEPH	16LS1H132	III BSc BBG
33.	SHAHI P ISMAIL	16LS1H133	III BSc BBG
34.	SHARON REJI	16LS1H134	III BSc BBG
35.	SHIVPRIYA S NAIR	16LS1H135	III BSc BBG
36.	SINDHU R	16LS1H136	III BSc BBG
37.	KAVYA C HONNAVAD	16LS1K137	III BSc BBG
38.	MARIA MACRINA R	16LS1K139	III BSc BBG
39.	PRATHIKSHA H	16LS1K140	III BSc BBG
40.	PRIYAANKA T J	16LS1K141	III BSc BBG
41.	RADHA H	16LS1K142	III BSc BBG
42.	SANTOSH B	16LS1K143	III BSc BBG
43.	NISHA CHHETRI	16LS1A144	III BSc BBG
44.	VAISHNAVI M	16LS1K145	III BSc BBG

45.	ANUGRAHA JOHNY THAYYIL	16LS1A146	III BSc BBG
46.	JENNIFER JOHN	16LS1K147	III BSc BBG
47.	SABHA SAMREEN	16LS1A148	III BSc BBG
48.	VEENA N	16LS1K149	III BSc BBG
49.	AKHIL ANAND	16LS2A101	III BSc MBG
50.	ANALA JOSHI	16LS2A102	III BSc MBG
51.	ASHLITA FLORENCE LOPEZ	16LS2A103	III BSc MBG
52.	KARIM KINWARY	16LS2A104	III BSc MBG
53.	LEAH JOHNSON	16LS2A105	III BSc MBG
54.	MEGHNA KARTHA	16LS2A106	III BSc MBG
55.	NIVAN KISHORE	16LS2A107	III BSc MBG
56.	PAUL REGIN JOSEPH	16LS2A108	III BSc MBG
57.	RESHAN GALE MARBANIANG	16LS2A109	III BSc MBG
58.	UPASANA DAS	16LS2A110	III BSc MBG
59.	AVINASH S	16LS2H111	III BSc MBG
60.	JOSHUVA CLAMART A	16LS2H112	III BSc MBG
61.	SHEBA THOMAS	16LS2H113	III BSc MBG
62.	SIBIN SHEKAR M	16LS2H114	III BSc MBG
63.	ADHIRA M	16LS2K115	III BSc MBG
64.	AKHIL SURESH	16LS2K116	III BSc MBG
65.	ARUN KUMAR A	16LS2K117	III BSc MBG
66.	HARSHITHA A GOWDA	16LS2K118	III BSc MBG
67.	MANASWI	16LS2K119	III BSc MBG
68.	PRITHIYASHA C	16LS2K120	III BSc MBG
69.	ARPITHA FRANCIS	16LS2H121	III BSc MBG
70.	POOJA GURUNATH SHRIYAN	16LS2H122	III BSc MBG
71.	MHARONI OVUNG	16LS2A123	III BSc MBG
72.	ABINA ROSE BABU	17LS2A1001	II BSc MBG
73.	AKHINA THANKAM VARGHESE	17LS2A1002	II BSc MBG
74.	ANJU BETTY JOSE	17LS2A1003	II BSc MBG
75.	ANNA SANTHOSH	17LS2A1004	II BSc MBG
76.	ASHNA SUNNY	17LS2A1005	II BSc MBG
77.	BENJAMIN A	17LS2A1006	II BSc MBG
78.	CLINTON A	17LS2A1007	II BSc MBG
79.	DIVA BRIJIT JOHN	17LS2A1008	II BSc MBG
80.	FABA SUSAN SANTOSH	17LS2A1009	II BSc MBG
81.	FANNY EVANGELINE M	17LS2A1010	II BSc MBG
82.	FELIX V MATHEW	17LS2A1011	II BSc MBG
83.	IRENE GRACE P I	17LS2A1012	II BSc MBG
84.	NITASHA PRISCILLA P	17LS2A1013	II BSc MBG
85.	RIYA AUGUSTINE	17LS2A1014	II BSc MBG
86.	SHILOH PEARL T	17LS2A1015	II BSc MBG
87.	SUNGTINA JAMIR	17LS2A1016	II BSc MBG
88.	ASWATHI M PILLAI	17LS2A1017	II BSc MBG
89.	BONALA LIKHITH KUMAR	17LS2A1018	II BSc MBG
90.	DEEPALI	17LS2A1019	II BSc MBG
91.	DEVYANI GOYAL	17LS2A1020	II BSc MBG
92.	JYOTI KUMARI	17LS2A1021	II BSc MBG
93.	KASHISH GOYAL	17LS2A1022	II BSc MBG
94.	NIKITHA SANIL K P	17LS2A1023	II BSc MBG

95.	RASHMI	17LS2A1024	II BSc MBG
96.	SRIJANEE DHAR	17LS2A1025	II BSc MBG
97.	TUHINA SUBRATA BHATTACHARYA	17LS2A1026	II BSc MBG
98.	MOHAMED ABNASH	17LS2A1027	II BSc MBG
99.	TSERING GYALTSEN	17LS2A1028	II BSc MBG
100.	ADARSH P REJI	17LS2H1029	II BSc MBG
101.	DAFFINI M	17LS2H1030	II BSc MBG
102.	RENILDA A	17LS2H1031	II BSc MBG
103.	SONA GEORGE	17LS2H1032	II BSc MBG
104.	TIMOTHY AMRUTHRAJ B J	17LS2H1033	II BSc MBG
105.	ADARSH PRADEEP	17LS2H1034	II BSc MBG
106.	GOPIKA P KUMAR	17LS2H1035	II BSc MBG
107.	KAJALKUMARI H	17LS2H1036	II BSc MBG
108.	MISBAH NASEEM AHMED	17LS2H1038	II BSc MBG
109.	SYEDA AYESHA	17LS2H1039	II BSc MBG
110.	AMALA MARY J	17LS2K1040	II BSc MBG
111.	ANU PRIYA. B.	17LS2K1041	II BSc MBG
112.	AISHWARYA S	17LS2K1042	II BSc MBG
113.	PALLAVI S	17LS2K1043	II BSc MBG
114.	PAVITHRA K	17LS2K1044	II BSc MBG
115.	RAKESH REDDY R	17LS2K1045	II BSc MBG
116.	MALSAWMTLUANGI	17LS2A1046	II BSc MBG
117.	MANASA B	17LS2K1047	II BSc MBG
118.	SANDRA SHAJI	17LS2H1049	II BSc MBG
119.	THANUSHA B	17LS2K1050	II BSc MBG
120.	ANDREA GRETEL SLADEN	17LS1A1001	II BSc BBG
121.	ANILA BENNY	17LS1A1002	II BSc BBG
122.	ANIT ANTONY	17LS1A1003	II BSc BBG
123.	ASHIK FRANCIS	17LS1A1004	II BSc BBG
124.	DEYANA ROJAN	17LS1A1005	II BSc BBG
125.	HAVILAH MARIAM PHILIP	17LS1A1006	II BSc BBG
126.	MARIA JOSEPHINE LENITA A	17LS1A1007	II BSc BBG
127.	MELISSA PREETHI SOLOMON	17LS1A1008	II BSc BBG
128.	NITIN PRIJU JOHN	17LS1A1009	II BSc BBG
129.	PAUL B MALIYAKAL	17LS1A1010	II BSc BBG
130.	RHEA M CORREYA	17LS1A1011	II BSc BBG
131.	RISHAB ROBERT DAYAL	17LS1A1012	II BSc BBG
132.	SANTRA BINOI VARIKKANIKKAL	17LS1A1013	II BSc BBG
133.	SHARON MARY CHRISTOFER	17LS1A1014	II BSc BBG
134.	SHON GEORGE SHIJU	17LS1A1015	II BSc BBG
135.	ANJALI J S	17LS1A1016	II BSc BBG
136.	ASWATHI T L	17LS1A1017	II BSc BBG
137.	ATHULYA PRATHAP	17LS1A1018	II BSc BBG
138.	BARNALI SINHA	17LS1A1019	II BSc BBG
139.	KASTURI T M	17LS1A1020	II BSc BBG
140.	KAUSHALYA SHRUTHI S	17LS1A1021	II BSc BBG
141.	MANDIRA CHHETRI	17LS1A1022	II BSc BBG
142.	MEERA VASUDEVAN	17LS1A1023	II BSc BBG
143.	PAVITHRA S M	17LS1A1024	II BSc BBG
144.	POOJA ANIL	17LS1A1025	II BSc BBG

145.	POOJA V	17LS1A1026	II BSc BBG
146.	SANGEETHA S	17LS1A1027	II BSc BBG
147.	SHREYA KUILA	17LS1A1028	II BSc BBG
148.	SIMRAN	17LS1A1029	II BSc BBG
149.	TENZIN NAMGYAL	17LS1A1030	II BSc BBG
150.	ANN MARIA FRANCIS	17LS1H1031	II BSc BBG
151.	BINCE P SAJU	17LS1H1032	II BSc BBG
152.	FERIL SEBASTIAN	17LS1H1033	II BSc BBG
153.	JERIN KURIAN JOSE	17LS1H1034	II BSc BBG
154.	LAYA D	17LS1H1035	II BSc BBG
155.	MARIA GLADYS D	17LS1H1036	II BSc BBG
156.	NIVETHA K	17LS1H1037	II BSc BBG
157.	P U SNEHA	17LS1H1038	II BSc BBG
158.	POOJA P N	17LS1H1039	II BSc BBG
159.	SINDHU S	17LS1H1040	II BSc BBG
160.	SURBHI KUMARI BARNWAL	17LS1H1041	II BSc BBG
161.	AFREEN ARIFF SAIT	17LS1H1042	II BSc BBG
162.	ANJUM HANIFA D	17LS1H1043	II BSc BBG
163.	FOUZIYA AFSHAN	17LS1H1044	II BSc BBG
164.	NIKHILA S	17LS1K1045	II BSc BBG
165.	RAGAVI K	17LS1K1046	II BSc BBG
166.	STANIE HARSHITH S	17LS1K1047	II BSc BBG
167.	JAYASHREE B	17LS1K1048	II BSc BBG
168.	JOHNSON N	17LS1K1049	II BSc BBG
169.	KAKIMANI SUHARITHA	17LS1K1050	II BSc BBG
170.	KAVYA P	17LS1K1051	II BSc BBG
171.	NAVYA M	17LS1K1052	II BSc BBG
172.	PRIYANKA	17LS1K1053	II BSc BBG
173.	ROHINI B R	17LS1K1054	II BSc BBG
174.	SARANYA K	17LS1K1055	II BSc BBG
175.	SHILPA A	17LS1K1056	II BSc BBG
176.	SOWMYA B	17LS1K1057	II BSc BBG
177.	SWETHA G	17LS1K1058	II BSc BBG
178.	USHA S	17LS1K1059	II BSc BBG
179.	VIGNESH H	17LS1K1060	II BSc BBG



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited with 'A' Grade by NAAC | Affiliated to Bangalore University

ENVIRONMENT CLUB DEPARTMENT OF LIFE SCIENCES GREEN AUDIT 2018

Date: 18th July 2018-30th Dec 2018; 6th January 2019-27th Feb 2019

Classes Attended & Number of beneficiaries: II year B.Sc. BT & MB

Name of the Event: GREEN AUDIT 2018-19

Green auditing is the systemic assessing of environmental performance. Concern about environmental degradation and realization of values of environment are logical consequences of scholarly research, teaching and learning process. Current research shows that our renewable resources cannot support our energy consumption trend. Green audit helps us to make sure whether we are performing in accordance with relevant rules and regulations, to improve the procedures and ability of materials, to analyse the potential duties and to determine a way in which we can lower the cost and add to the revenue. Through green audit one gets a direction as to how to improve the environment. In its pursuit for improving environmental quality and to maintain a pristine environment for the future generation of students, Kristu Jayanti College has made a self-inquiry on environmental quality of the campus. Green audit and sustainable development process helps to reduce the wastage and associated cost as well as increases the product quality. The green audit also helps in assessing the total energy consumption thereby helps us to take up measures to save energy. The audit also gives us quantitative details about water management and waste management practised by the college. A series of methods was adopted by the students and staff coordinators of the Environment club, Department of Life Sciences to complete the audit. Green audit does not stop all compliance with legislation. Nor is it a 'green washing' public relations exercise. Rather it is a total strategic approach to the organisation's activities.

ACKNOWLEDGEMENT

We would like to thank our Principal, Rev.Fr. Josekutty P.D, Vice Principal, Rev.Fr.Augustine George, members of the management team, Dean of Sciences Dr. Calistus Jude, Head Department of Life Sciences, Dr. Elcey C D for their constant guidance and support to conduct this audit. We would like to sincerely thank the faculty members of all the departments, students, and nonteaching staff for their kind cooperation with us during this survey.

The Goals of Green Audit

- To improve the environment quality and to maintain a pristine environment for the future generation of students of Kristu Jayanti College.
- To adhere to the relevant rules and regulations.
- To analyse and assess the procedures adopted and to improve it.
- To suggest the best protocols for sustainable development.

Procedure followed

The students were divided into seven groups, and under the guidance of the staff coordinators of the Environment club, Department of Life Sciences, each group collected data on the assigned topics as follows:

1. Assessment of energy consumption and management
2. Assessment of water consumption and management
3. Assessment of landscape/ biodiversity in the campus
4. Assessment of air quality and waste management

All the data were compiled and documented with which the green audit was formulated.

Assessment of energy consumption and management

The college has adequate supply of power. Each department is equipped with computers, printers, tube lights, fans, LED bulbs and other necessary electrical equipments. The college has seven computer labs, one each of electronics lab, physics lab, media lab, biotechnology lab, microbiology lab, biochemistry lab, genetics lab, commerce lab and two psychology labs. The college also has a Bangalore University recognised Research Center for Biotechnology with bioinstrumentation facility. Majority of the class rooms are equipped with LCD

projectors. All the rooms in the college are double ventilated and have ample number of windows to allow natural sunlight, thus reducing the usage of power. The main block and PG block are built in a sustainable manner using stone bricks for cooling effect, thereby reducing the consumption of energy. The two blocks has a central open quadrangle which allows cross ventilation and ample sunlight to all the class rooms. There is a music room and gymnasium with the necessary facilities. The equipments and instruments used in all the labs are in working condition and is periodically serviced and maintained by the respective lab in charges.

The monthly energy consumption of the college is 52380 KWH.

- The college is also equipped with a generator of power- 125 KVA and 200 KVA.
- The college is also equipped with 50 KW on-grid and 10 KW off-grid solar power plant out of which the off-grid is used to supply energy for cafeteria. These promote non-conventional sources of power management.
- For the year of 2017-2018 the average solar energy generated was 88 MWH.

The total energy usage of each block is formulated in the table below

Block	No. of tubes + bulbs	No. of fans	No. of LCD projectors	No. of AC	No. of computers
Main block	881	549	77	9	540
PG block	417	141	17	5	90

Energy management practices

- Environment club students are assigned to monitor and to give awareness regarding energy conservation.
- Solar energy is utilized as an alternate energy source.
- Regular servicing and maintenance of electrical equipments.

Assessment of water consumption and management

The college has round the clock water supply. College has many water outlets. The college has 2 washrooms in each floor in both main block and PG block. All taps are working properly with regular monitoring and repair of leaking taps. The monthly water consumption is 15 lakh litres. Each floor of the block also has one drinking water outlet, the filter of which is periodically maintained.

The total energy usage of each block is formulated in the table below

Block	No of taps	No of tanks x Capacity in litres	No of toilets	No of water purifiers
Main block	154	2x3000 1x2000 1x 100000	65	7
PG block	96	4x5000	42	5

Water management practises

- As a part of water management, the college is equipped with a 24 lakh liter water harvesting system which satiates all the water requirements of the college.
- The college has a tank of capacity 1 lakh twenty eight thousand liters which are operated by motors.
- There are 3 reverse osmosis plants; two of 250 liters and one of 500 liters capacity. 6000 liters of water is being purified every day and the waste water generated henceforth is being used for gardening and in the washrooms.
- Sewage water treatment capacity of 90000 liters is also established. The recycled water is used for gardening.

Assessment of landscape/ biodiversity in the campus

The college is spread in an area of **9.23 acres** and the total covered area is **112141.32 sq ft**. The college has assigned specific areas for the parking of cars and bikes. The Environment club of the Department of Life Sciences also maintains a medicinal garden which has exotic and endangered species of medicinal plants spread over an ample area. The college also has spacious grounds assigned for various sports like football, cricket, basketball, volleyball with well-manicured seating spaces meant for student relaxation. The college is divided into 2 blocks-the main block and the PG block. The college main block is situated in an area of **167916.84 sq ft**. The PG block is situated in an area of **88447sq ft**. The Administrative block is under construction.

Assessment of air quality and waste management

The college adopts a policy of segregating waste and carrying out its disposal by an efficient waste management system. The waste is segregated into wet waste, paper waste and plastic waste, which is possible by the trash bins that are placed in and around the entire campus. The trash bins are divided into specific colours, each colour represents a particular type of waste. The colours used are blue, green and red, and they represent paper waste, wet waste and plastic waste respectively. The college consists of a considerably large compost pit and the segregated wet

wastes are dumped in that pit. The manure obtained from this process is used for the flora of the college.

Type of waste	Method of disposal
Plastic waste	Sold as scrap waste
Wet waste	Compost pit
Paper waste	ITC NGO

Assay of Air quality

Based on the data collected there are a total of around 3000 plants in the campus out of which 146 varieties of medicinal plants, 450 varieties of trees and 503 ornamental plants. The college being located in an urban area is exposed to a wide range of pollutants. On the day of the data collection there were 350 bikes, 65 cars and 15 cycles parked inside the campus. The college takes initiatives to reduce carbon monoxide pollution by promoting students to plant more trees and insists that all vehicles should possess the no emission certificate.

Green initiatives in Kristu Jayanti College

Kristu Jayanti College aims to create awareness on various environmental issues prevalent today. Environmental issues are to be solved with highest priority so that the future generations may find earth worth living. Kristu Jayanti College strives to make the students conscious of their environmental responsibilities and practice the principles of reduction, reuse and recycling of resources. We are committed to working locally to improve the social, economic and environmental wellbeing of our community which will leave us with a greener Earth.

Eco Friendly measures taken by the college:

- A well-established rainwater harvest system with a storage capacity of 24 lakh liters.
- Solar energy mediated power supply with generation of 56 KW solar power in the campus.
- The college has a non-core subject on Environmental Science offered by the Department of Life Sciences to the students of all the departments.

- All forms of paper waste from the college are recycled in association with NGOs.
- College serves as a green campus with a wide variety of plants in the college providing a pollution free atmosphere. Important medicinal plants and exotic flora are also labelled and well maintained in the college premises. Vegetation in the campus is identified and recorded.
- To utilize the findings of Laboratory Practical's, **lab to land** programme, is practiced using Bio fertilizers formulated in the Life Sciences laboratory which are applied in the nearby farm lands to enhance the soil fertility, quality and improve productivity.
- There are 3 reverse osmosis plants; two of 250 liters and one of 500 liters capacity. 6000 liters of water is being purified every day and the waste water generated henceforth is being used for gardening and in the washrooms.
- Swach Bharath, Gram Swach, Swach Bengaluru, Swach campus programmes are conducted in the campus and in nearby villages on a regular basis by the members of NSS, NCC, CSA, Environment club on a regular basis as part of extension activities.
- Awareness program on waste segregation was organized by the college.
- Regular awareness programmes are conducted in the form of orientation programmes by environmentalists, theme dances and skits, environment issue related competitions.
- Planting of saplings done on a regular basis under the banner Vanamahotsava in college premises and in the nearby villages.
- National level essay competition on environment issue related topics is conducted every year which paves way for students to come up with innovative ideas for protecting our environment.

Glimpses of campus



Entrance of Kristu Jayanti College



Main Block

PG Block



Ashram

Green initiatives in Kristu Jayanti College



Main block Quadrangle



Greenery between buildings



Commiphora wightii
Family: Burseraceae
Eng: Indian bdellium-tree

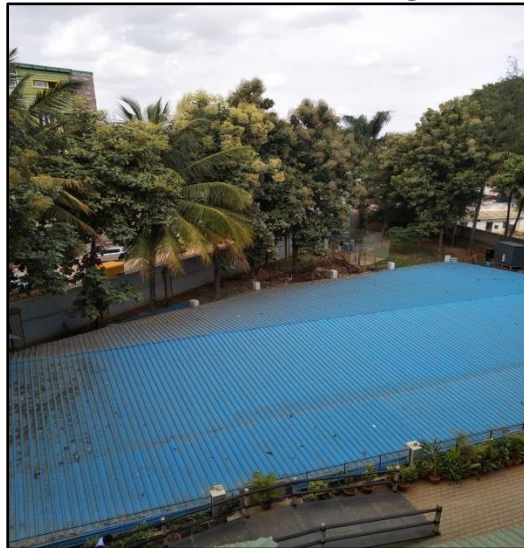


Medicinal Garden

Sewage Treatment Plant



Rainwater Harvesting



Report prepared by **Dr. M. Sonia Angeline**

Signature of HoD



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

DEPARTMENT OF LIFE SCIENCES

ENVIRONMENT CLUB- MEMBERS LIST (2017-2018)

BBA

Sl. No.	Name	Class
1.	Pooja R.	Vth BBA (C)
2.	V. Sai Nikhil Naidu	Ist BBA (C)
3.	Arun V. Philip	Ist BBA (A)
4.	Akshaya Rani	Ist BBA (C)
5.	Lakshmi M.	Ist BBA (C)
6.	V. Sheeba Christina	Ist BBA (C)

B.Com

Sl. No.	Name	Class
1.	Kiran Kumar R.	Vth B.Com. (B)
2.	Eshwari D.	IIIrd B.Com. (D)
3.	Gousalya S.	IIIrd B.Com. (E)
4.	Aishwarya M.	IIIrd B.Com. (D)
5.	Lavanya M.	IIIrd B.Com.(A)
6.	Kausalya V.	Ist B.Com. (C)
7.	Bindya	Ist B.Com. (C)
8.	Preethi	Ist B.Com. (C)
9.	Priya	Ist B.Com. (C)
10.	Cleebow Idiculla	B.Com. (D)
11.	James Joseph	B.Com. (D)
12.	Anusha Binu Kalathil	Ist B.Com. (A)
13.	Aishwarya D.	Ist B.Com. (A)
14.	Shaiqua Hassan	Ist B.Com. (A)
15.	Anushka Singh	Ist B.Com. (A)
16.	Siddharth Paul	Ist B.Com. (E)
17.	Rishabh Gulati	Ist B.Com. (E)
18.	Anindya Mohan Kar	Ist B.Com. (E)
19.	Shivam	Ist B.Com. (E)
20.	Aditya Nag	Ist B.Com. (E)
21.	Shivani M.	IIIrd B. Com. (A)
22.	Pushpalatha G.	IIIrd B. Com. ()

23.	Indra S.	Ist B. Com. (C)
24.	Amudha G.	Ist B. Com. (C)
25.	Aishwarya S.	Ist B. Com. (C)
26.	Tobith Tom	Ist B. Com. (C)
27.	Litty Mariyam Kunju	IIIrd B. Com. (C)
28.	Pallavi D. C.	IIIrd B. Com. (C)
29.	Sushma A. V.	IIIrd B. Com. (C)
30.	Mathews Mathew	Ist B. Com. (D)
31.	S. Venkatesh	Ist B. Com. ()
32.	Lekha B.	IIIrd B. Com.(ACCA)
33.	Lavanya N.	IIIrd B. Com.
34.	Esther	IIIrd B. Com.
35.	Seema	IIIrd B. Com.

BA

Sl. No.	Name	Class
1.	Parlapalli Charitha	BA (JPeng)
2.	Sanat Ranjan Mishra	Ist BA (HEP)
3.	Sandra Simrin	BA (HTJ)
4.	Erica D'Costa	BA (HTJ)
5.	Elizabeth Susan George	BA (JPCs)
6.	Mohamed Misbah Haneef	BA (HEP)
7.	Maahar	BA (HEP)
8.	Jeffin P. Francis	Vth BA (JPsEng)
9.	Rohit Robinson	BA (HTJ)
10.	James Johnson	Ist BA (HEP)
11.	Cyprian Rohit	Ist BA (JPCS)

BCA

Sl. No.	Name	Class
1.	Vignesh R.	BCA (A)
2.	Victor	BCA (A)
3.	Shaheen Taj	BCA (C)
4.	Soundarya R.	BCA (C)
5.	Aishwarya Nair M. J.	Ist BCA (B)
6.	Sneha Priya K.	Ist BCA (B)
7.	Noor Sufiya	IIIrd BCA (D)
8.	Preethi	IIIrd BCA (D)
9.	Likitha	IIIrd BCA (D)
10.	Neha Khanum	Ist BCA (C)

11.	Farheen Banu	Ist BCA (A)
12.	Pavithra P.	Ist BCA (B)
13.	Ainee Baidya	Ist BCA (B)
14.	Ayesha Siddiqua I.	Ist BCA (B)
15.	Danish Fathima	Ist BCA (B)
16.	Sanju Kumari	Ist BCA (B)
17.	Sharan L.	Ist BCA (C)
18.	Fatima Begum	Ist BCA (B)
19.	Fathima	Ist BCA (D)
20.	Fathima Nazreen	Ist BCA (A)
21.	Nida Begum	Ist BCA (D)
22.	Farheen Tabassum	Ist BCA (C)
23.	Narmatha R. C.	Ist BCA (D)
24.	Juveria Taj	Ist BCA (C)
25.	M. Vignesh Karthik	Ist BCA (D)
26.	Poojitha M.	Ist BCA (A)
27.	Roja K.	Ist BCA (A)
28.	Preethi S.	IIIrd BCA (D)
29.	Likitha N.	IIIrd BCA (D)
30.	Noor Sufiya	IIIrd BCA (D)
31.	Shiju	Ist BCA
32.	Prithvi	Ist BCA
33.	Mohammed Maaz	Ist BCA

BSc (Computer Science)

Sl. No.	Name	Class
1.	Neha D.	Ist B.Sc. (CSMS)
2.	Varshini S.	Ist B.Sc. (CSMS)
3.	Anusha S.	Ist B.Sc. (CSMS)
4.	Anusha V.	B.Sc. (CSME)
5.	Jonathan J.	B.Sc. (CSMS)
6.	Ibrahim Khan	Ist B.Sc. (CSMS)
7.	Arunachalam R. S.	Ist B.Sc. (CSMS)
8.	Mandarapu Lokesh	Ist B.Sc. (CSMS)
9.	Sai Nikitha C.	Ist B.Sc. (CSMS)
10.	Kamasani Teja	Ist B.Sc. (CSMS)
11.	Alfred Joseph	Ist B.Sc. (CSMS)
12.	Sang Zel Tombing	Ist B.Sc. (CSMS)
13.	Akshay Patil	Ist B.Sc. (CSMS)
14.	Shibili P. P.	Ist B.Sc. (CSMS)
15.	Kaushik Das	Ist B.Sc. (CSMS)

BSc (Life Sciences)

Sl. No.	Name	Class
1.	Anjum Hanifa	Ist B.Sc. (BT)
2.	Fouziya Afshan	Ist B.Sc. (BT)
3.	Kavya P.	B.Sc. (BT)
4.	Athulya Prathap	B.Sc. (BT)
5.	Sharon Mary Christofer	B.Sc. (BT)
6.	Adarsh Pradeep	B.Sc. (MB)
7.	Misbah Naseem Ahmed	B.Sc. (MB)
8.	Mohamed Abnash	B.Sc. (MB)
9.	Tuhina Bhattacharya	B.Sc. (MB)
10.	Priyanka K.	Ist B.Sc. (BT)

Sl. No.	Name	Class
11.	Ragavi K.	Ist B.Sc. (BT)
12.	A. Akshitha Prithvi	IIIRD B.Sc. (BT)
13.	Barnali Sinha	Ist B.Sc. (BT)
14.	Ann Maria Francis	Ist B.Sc. (BT)
15.	Mandira Chhetri	Ist B.Sc. (BT)
16.	Nikhila S.	Ist B.Sc. (BT)
17.	Johnson N.	Ist B.Sc. (BT)
18.	Afreen Ariff Sait	Ist B.Sc. (BT)
19.	Anupriya D	Ist B.Sc. (MB)
20.	Syeda Ayesha	Ist B.Sc. (MB)
21.	Deepali	Ist B.Sc. (MB)
22.	Amala Mary J	Ist B.Sc. (MB)
23.	Rashmi	Ist B.Sc. (MB)
24.	Timothy Amruthraj	Ist B.Sc. (MB)
25.	Bonala Likith Kumar	Ist B.Sc. (MB)
26.	Abina Rose Babu	Ist B.Sc. (MB)
27.	Ashna Sunny	Ist B.Sc. (MB)
28.	Akhina Thankam Varghese	Ist B.Sc. (MB)
29.	Renilda A	Ist B.Sc. (MB)
30.	Shiloh Pearl T	Ist B.Sc. (MB)
31.	Irene Grace P I	Ist B.Sc. (MB)
32.	Adarsh P. Reji	Ist B.Sc. (MB)
33.	Benjamin A.	Ist B.Sc. (MB)
34.	Rakesh Reddy	Ist B.Sc. (MB)
35.	Clinton A.	Ist B.Sc. (MB)
36.	Tsering Gyaltsen	Ist B.Sc. (MB)
37.	Kashish Goyal	Ist B.Sc. (MB)
38.	Devyani Goyal	Ist B.Sc. (MB)
39.	Srijanee Dhar	Ist B.Sc. (MB)
40.	Anju Betty Jose	Ist B.Sc. (MB)
41.	Daffini M.	Ist B.Sc. (MB)
42.	Manasa B.	Ist B.Sc. (MB)
43.	Kajalkumari H.	Ist B.Sc. (MB)
44.	Jyothi Kumar	Ist B.Sc. (MB)
45.	Sona George	Ist B.Sc. (MB)
46.	Faba Susan Santhosh	Ist B.Sc. (MB)
47.	Felix V Mathew	Ist B.Sc. (MB)
48.	Riya Augustine	Ist B.Sc. (MB)
49.	Aishwarya S.	Ist B.Sc. (MB)
50.	Aswathi M. Pillai	Ist B.Sc. (MB)
51.	P U Sneha	Ist B.Sc. (BT)

52.	Pooja P N	Ist B.Sc. (BT)
53.	Anila Benny	Ist B.Sc. (BT)
54.	Anjali J S	Ist B.Sc. (BT)
55.	Pooja P N	Ist B.Sc. (BT)
56.	Sindhu S	Ist B.Sc. (BT)
57.	Kasturi T M	Ist B.Sc. (BT)
58.	Pooja V.	Ist B.Sc. (BT)
59.	Rishabh Robert Dayal	Ist B.Sc. (BT)
60.	Simran	Ist B.Sc. (BT)
61.	Jerin Kurian Jose	Ist B.Sc. (BT)
62.	Usha S	Ist B.Sc. (BT)
63.	Kakimani Suharitha	Ist B.Sc. (BT)
64.	Surbhi Kumari Barnwal	Ist B.Sc. (BT)
65.	Shreya Kuila	Ist B.Sc. (BT)
66.	Andrea Gretel Sladen	Ist B.Sc. (BT)
67.	Nivetha K	Ist B.Sc. (BT)
68.	Sowmya B	Ist B.Sc. (BT)
69.	Maria Josephine Lenita A	Ist B.Sc. (BT)
70.	Tenzin Namgyal	Ist B.Sc. (BT)
71.	Havilah Mariam Philip	Ist B.Sc. (BT)
72.	Ashik Francis	Ist B.Sc. (BT)
73.	Feril Sebastian	Ist B.Sc. (BT)
74.	Deyana Rojan	Ist B.Sc. (BT)
75.	Meera Vasudevan	Ist B.Sc. (BT)
76.	Rhea M. Correya	Ist B.Sc. (BT)
77.	Santra Binoi Varikkanikkal	Ist B.Sc. (BT)
78.	Paul B. Maliyakal	Ist B.Sc. (BT)
79.	Stanie Harshith	Ist B.Sc. (BT)
80.	Swetha G.	Ist B.Sc. (BT)
81.	Jayashree B.	Ist B.Sc. (BT)
82.	Saranya K.	Ist B.Sc. (BT)
83.	Shilpa A.	Ist B.Sc. (BT)
84.	Shon George Shiju	Ist B.Sc. (BT)
85.	Bince P. Saju	Ist B.Sc. (BT)
86.	Christina Scaria Srambical	IIIrd B.Sc. (BT)
87.	Nisha Chhetri	IIIrd B.Sc. (BT)
88.	Anugraha Johny Thayyil	IIIrd B.Sc. (BT)
89.	Aileen Sara Viji	IIIrd B.Sc. (BT)
90.	Sabha Samreen	IIIrd B.Sc. (BT)
91.	Baby Thankam Antony	IIIrd B.Sc. (BT)
92.	Yodhaanjali J. R.	IIIrd B.Sc. (BT)
93.	Arpitha Francis	IIIrd B.Sc. (MB)
94.	Prathiksha H.	IIIrd B.Sc. (BT)
95.	Arun Kumar A.	IIIrd B.Sc. (MB)
96.	Bhuvaneshwari R.	IIIrd B.Sc. (BT)

97.	Yashwitha Veerawalli	IIIrd B.Sc. (BT)
98.	Pooja S.	IIIrd B.Sc. (BT)
99.	Sindhu R.	IIIrd B.Sc. (BT)
100.	Mrunmayi Ashish Gadre	IIIrd B.Sc. (BT)
101.	Sibin Shekar M.	IIIrd B.Sc. (MB)
102.	Catherine Sneha A.	IIIrd B.Sc. (BT)
103.	Nivan Kishore	IIIrd B.Sc. (MB)
104.	Shiyon Anto V.	IIIrd B.Sc. (BT)
105.	Nithin Baby	IIIrd B.Sc. (BT)
106.	Heaven Fernandez	IIIrd B.Sc. (BT)
107.	Akhil Suresh	IIIrd B.Sc. (MB)
108.	Kavya C. Honnavad	IIIrd B.Sc. (BT)
109.	Maria Macrina R.	IIIrd B.Sc. (BT)
110.	Radha H.	IIIrd B.Sc. (BT)
111.	Winnie Wilson	IIIrd B.Sc. (BT)
112.	Adhira M.	IIIrd B.Sc. (MB)
113.	Sheba Thomas	IIIrd B.Sc. (MB)
114.	Upasana Das	IIIrd B.Sc. (MB)
115.	Hemavathy L.	IIIrd B.Sc. (BT)
116.	Ashlita Florence Lopez	IIIrd B.Sc. (MB)
117.	Ayesha	IIIrd B.Sc. (BT)
118.	Arbiya Banu	IIIrd B.Sc. (BT)
119.	Shivpriya S. Nair	IIIrd B.Sc. (BT)
120.	Veena N.	IIIrd B.Sc. (BT)
121.	Jennifer John	IIIrd B.Sc. (BT)
122.	Joshua Clamart A.	IIIrd B.Sc. (MB)
123.	Avinash S.	IIIrd B.Sc. (MB)
124.	Kevin Matthew	IIIrd B.Sc. (BT)
125.	Akhil Anand	IIIrd B.Sc. (MB)
126.	Thomas George	IIIrd B.Sc. (BT)
127.	Manaswi	IIIrd B.Sc. (MB)
128.	Shahi P. Ismail	IIIrd B.Sc. (BT)
129.	Ayesha Firdose	IIIrd B.Sc. (BT)
130.	Pooja Gurunath Shriyan	IIIrd B.Sc. (MB)
131.	Rose Mathew	IIIrd B.Sc. (BT)
132.	Namia Mansoor	IIIrd B.Sc. (BT)
133.	Eliel Salome Zahiri	Vth B.Sc. (MB)
134.	Arathi	Vth B.Sc. (MB)
135.	Anudeep Murala	Vth B.Sc. (MB)
136.	Riya Paul	Vth B.Sc. (MB)
137.	Vaishnavi	Vth B.Sc. (MB)
138.	Nikitha S.	Vth B.Sc. (MB)
139.	Nishav Chhetri	Vth B.Sc. (MB)
140.	Yamini V.	Vth B.Sc. (BT)
141.	Amitha Alfred	Vth B.Sc. (BT)

142.	Beulah Biju	Vth B.Sc. (BT)
143.	Belange Mujing Tshikez	Vth B.Sc. (BT)
144.	Aakifah Amreen	Vth B.Sc. (BT)
145.	Aparna Mohanty	Vth B.Sc. (BT)
146.	Arpitha	Vth B.Sc. (BT)
147.	Blessy Lawrence	Vth B.Sc. (BT)
148.	Chahana J.	Vth B.Sc. (BT)
149.	Saikat Das	Vth B.Sc. (BT)
150.	Mahesh Sreedhar	Vth B.Sc. (BT)
151.	Chaithra Vaishnavi	Vth B.Sc. (BT)
152.	Bipin Yadav	Vth B.Sc. (BT)
153.	Navin George	Vth B.Sc. (BT)
154.	Meghana D.	Vth B.Sc. (BT)
155.	Rashmi Shetty	Vth B.Sc. (BT)
156.	Seemanthini Raj	Vth B.Sc. (BT)
157.	Tanya Rachael Thomas	Vth B.Sc. (MB)
158.	Sungtina J.	Ist B. Sc. (MB)
159.	Anna Santhosh	Ist B. Sc. (MB)
160.	Laya D.	Ist B. Sc. (BT)
161.	Leah Johnson	IIrd B. Sc. (MB)
162.	Paul Regin	IIIrd B. Sc. (MB)
163.	Prithyasha	IIIrd B. Sc. (MB)

GREEN AUDIT STUDENT MEMBERS LIST 2018-19

S No.	Name	Class	Gender
1	Sownya	IInd B.Sc. (BT)	F
2	Usha	IInd B.Sc. (BT)	F
3	Maria	IInd B.Sc. (BT)	F
4	Nivetha	IInd B.Sc. (BT)	F
5	Sindhu	IInd B.Sc. (BT)	F
6	Pooja	IInd B.Sc. (BT)	F
7	Josephine	IInd B.Sc. (BT)	F
8	Stanie	IInd B.Sc. (BT)	F
9	Navya	IInd B.Sc. (BT)	F
10	Priyanka	IInd B.Sc. (BT)	F
11	Anjum	IInd B.Sc. (BT)	F
12	Fouzia	IInd B.Sc. (BT)	F
13	Raghani	IInd B.Sc. (BT)	F
14	Suharith	IInd B.Sc. (BT)	F
15	Roshini	IInd B.Sc. (BT)	F
16	Pavithra	IInd B.Sc. (BT)	F
17	Pooja	IInd B.Sc. (BT)	F

18	Ann	IInd B.Sc. (BT)	F
19	Anjali	IInd B.Sc. (BT)	F
20	Nitin	IInd B.Sc. (BT)	M
21	Simran	IInd B.Sc. (BT)	F
22	Barnali	IInd B.Sc. (BT)	F
23	Sneha	IInd B.Sc. (BT)	F
24	Aswathi	IInd B.Sc. (BT)	F
25	Surbhi	IInd B.Sc. (BT)	F
26	Kavya	IInd B.Sc. (BT)	F
27	Swetha	IInd B.Sc. (BT)	F
28	Jayshree	IInd B.Sc. (BT)	F
29	Saranya	IInd B.Sc. (BT)	F
30	Pavithra	IInd B.Sc. (BT)	F
31	Ashna	IInd B.Sc. (BT)	F
32	Aswathi	IInd B.Sc. (BT)	F
33	Sona	IInd B.Sc. (BT)	F
34	Jyothi	IInd B.Sc. (BT)	F
35	Pavithra	IInd B.Sc. (BT)	F
36	Devyani	IInd B.Sc. (BT)	F
37	Deepali	IInd B.Sc. (BT)	F
38	Reshmi	IInd B.Sc. (BT)	F
39	Amala	IInd B.Sc. (BT)	F
40	Kashish	IInd B.Sc. (BT)	M
41	Srijeni	IInd B.Sc. (BT)	F
42	Anju	IInd B.Sc. (BT)	F
43	Feba	IInd B.Sc. (BT)	F
44	Tuhina	IInd B.Sc. (BT)	F
45	Saranya	IInd B.Sc. (BT)	F
46	Shney	IIIrd B.Sc. (BT)	F
47	Radha	IIIrd B.Sc. (BT)	F
48	Kavya	IIIrd B.Sc. (BT)	F
49	Sheba	IIIrd B.Sc. (MB)	F
50	Adhira	IIIrd B.Sc. (MB)	F

Student Coordinators

51	Sabha Samreen	IIIrd B.Sc. (MB)	F
52	Paul Reign	IIIrd B.Sc. (MB)	M



Kristu Jayanti College

AUTONOMOUS

Bengaluru

Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore University

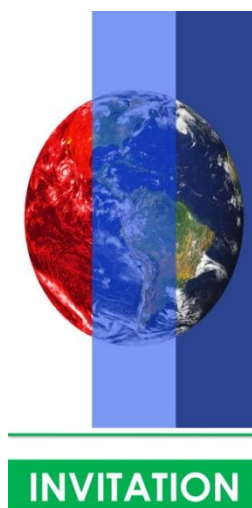
DEPARTMENT OF LIFE SCIENCES &
ENVIRONMENT CLUB

REPORT ON 6th NATIONAL LEVEL GREEN INDIA ESSAY COMPETITION- 2018

The National **Green India Essay** competition is an annual event organized by the Department of Life Sciences in association with the Environment Club for Higher Secondary School students of Indian and International schools. The competition endeavors to create awareness and sensitize the youth on Environmental issues. Through this event the Department strives to make the youth conscious of their responsibilities toward the environment and practice the principles of reduction, reuse and recycling of resources. The 6th version of the event was announced in the month of October, 2018. The topic for the essay writing was “**My Novel Solutions to Global Warming**”.



Poster of the 6th National Green India Essay Competition



Invitation for the felicitation ceremony



DEPARTMENT OF LIFE SCIENCES
&
ENVIRONMENT CLUB

Proudly invites you along with the students of your esteemed institute to witness the
Felicitation Ceremony
of the
prize winners of

**6th NATIONAL GREEN INDIA ESSAY
COMPETITION-2019**

Venue: Mini Audi III, Main Block,
Kristu Jayanti College.
Date: Monday, 18th February 2019
Time: 9.30 AM

This year the event was coordinated by Dr. Dileep Francis and Dr. T. Sriram under the guidance and support of the Management and other faculty members of the Department. A poster depicting the details of the event was prepared. Addresses of 2700 schools across India were collected from the previous year's coordinators. This year 450 new addresses covering Tamil Nadu, Arunachal Pradesh, Manipur, Meghalaya, Nagaland, Tripura and Uttarakhand were added to the database. The invitation letters were sent to the schools in the month of October starting on

17. 10. 2018. The Invitation included a covering letter, poster and registration form. A link, allowing a participant to download the registration form and other documents was posted in the college website. E. mails were sent to the schools in addition to the invitation letters. Sixty invitations were returned back undelivered due to issues in the addresses. These were removed from the database. The last date for submission of Essays was initially November 27th, 2018. This date was later extended to December 20th, 2018.

Invitations sent	3100
Essays Received	38
Schools participated	9
	India 7
	International 2
Female Participants	27
Male participants	11

Green India 2018: Key Statistics

The total number of essays received was 38. Of this two were from Schools in Dubai. The number of Schools that participated is 9. The Essays were evaluated by a panel of judges from the Life Sciences Department and the results were declared on 7th January 2019. The results were posted on the college website and E. mails were sent to the prize winners. First, Second, Third prizes and 10 special prizes were declared. The felicitation ceremony of the competition was held on 18th February 2019. The Prize winners along with their parents and teachers were invited to the event. The felicitation ceremony was presided over by Rev. Fr. Josekutty P. D, Principal, Kristu Jayanti College and had Ashish Srivastava, Vice President HR- Inbisco India as the Chief Guest. The First, Second and Third Prize winners received Citations and Rupees 10000, 7000, and 5000 respectively as the Cash Awards while the special prize winners received Rupees 1000 each along with a Citation. Six Prize winning students were present for the felicitation ceremony along with their parents. The rest of the prizes were sent to the winners by post.



Mr. Ashish Srivastava felicitating the prize winners of Green India Essay Competition in the presence of honorable principle Rev. Fr. Josekutty P. D.



The Prize winners of the 6th National Green India Essay competition after the felicitation ceremony with the honorable Fathers, Dean and HOD of the Life Sciences Department and the staff coordinators

The Green India Essay competition provided an opportunity for the students to think originally from a non-conventional point of view and provide valid solutions to the problems of Global Warming. The participants were also instigated with a sense of commitment to protect and preserve the environment.

Report Prepared By:

Dr. Dileep Francis & Dr. T Sriram

Coordinators

6th National Green India Essay Competition

Date: 24. 04. 2019

Note: The complete list of participants & winners are appended.

Appendix

List participants & Winners

Table 1: List of Participants

Sl. No.	Student Name	Institution Address
1	RUKHSANA MANNAN (XII)	SAFA ENG. MED. SCHOOL,MATTOOL NORTH, KANNUR, KERALA, 670325
2	SHAKIR SHADUL I (XII)	SAFA ENG. MED. SCHOOL,MATTOOL NORTH, KANNUR, KERALA, 670325
3	M. M. LINKESH KUMAR (XI)	KENDRIYA VIDYALAYA NO.1,CPCRI, KASARAGOD, KERALA, 671124
4	SRIPADA SRISAI LALITA PRASIDA	DELHI PUBLIC SCHOOL, OIL TOWNSHIP, DULIAJAN, ASSAM, 786602
5	VISWESH SESHAN (XI)	AMBASSADOR SCHOOL, MANKHOO, DUBAI, UAE, 126924
6	ROSHANN.K. N (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
7	P. TANYA ZEPHORAH (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
8	ROSHAN RICHARD (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
9	ASHWATHY NAMBIAR(XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
10	POOJA(XII)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
11	M. FIDHA MOL (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
12	SALIHA. A (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
13	SEREENA GEORGE (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
14	AYESHA MARIYAM. F (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
15	PUSHKALA D. G (XI)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
16	RINIGTA J TREASURE (XII)	CRESCENT CASTLE PUBLIC SCHOOL, COONOR ROAD, OOTY, TN, 643001
17	VIGNESH. S (XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005

18	SANTHOSH KUMAR.B(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
19	S.NIVEDHITHA(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
20	G.UMAMAHESWARI(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
21	R.JEYA DURGA(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
22	SANTHOSH BALAJI S.V.(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
23	MOHAMED ABUTHBASIM(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
24	VAISHNAV RAJKUMAR	GEMS MODERN ACADEMY, P.O Box 53663, Dubai, United Arab Emirates
25	MANU PRIYA	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
26	SMIRNA PAUL	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
27	HARSHITHA.S. P	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
28	SAFIYYAH SAJJADKHAN	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
29	JEEVITHA P. S.	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
30	MOHEMMED ZAID	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
31	K. GAYATHRI (XI)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
32	R. SUBASRI (XI)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
33	B. ABIRAMI (XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
34	G. BRINDHA(XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
35	J. JANANI (XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
36	M. KANIHA (XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
37	R. SNEHAPRIYA (XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
38	R. TWINKLE DEVI (XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125

Table 2: List of Participating Schools

Sl. No.	Name of School	Address
1	SAFA ENG. MED. SCHOOL	MATTOOL NORTH, KANNUR, KERALA, 670325
2	KENDRIYA VIDYALAYA NO.1	CPCRI, KASARAGOD, KERALA, 671124
3	DELHI PUBLIC SCHOOL,	OIL TOWNSHIP, DULIAJAN, ASSAM, 786602
4	AMBASSADOR SCHOOL	MANKHOOOL, DUBAI, UAE, 126924
5	CRESCENT CASTLE PUBLIC SCHOOL,	COONNOOR ROAD, OOTY, TN, 643001
6	SRI VIDYA MATRIC HIGHER SEC SCHOOL,	VIRUDHUNAGAR TN, 626005
7	GEMS MODERN ACADEMY	P.O Box 53663, Dubai, United Arab Emirates
8	NARAYANA P. U. COLLEGE	KAMMANAHALLI, BANGALORE PINCODE-560043
9	MNRD GIRLS HIGH. SEC SCHOOL	THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125

Table 3: List of Prize Winners

1	J. JANANI	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125	I Prize
2	SRIPADA SRISAI LALITA PRASIDA	DELHI PUBLIC SCHOOL, OIL TOWNSHIP, DULIAJAN, ASSAM, 786602	II Prize
3	R. SNEHAPRIYA	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125	III Prize
Consolation Prizes			
1	G. BRINDHA	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125	
2	ROSHANN.K. N	CRESCENT CASTLE PUBLIC SCHOOL, COONNOOR ROAD, OOTY, TN, 643001	
3	VAISHNAV RAJKUMAR	GEMS MODERN ACADEMY, P.O Box 53663, Dubai, United Arab Emirates	

4	SMIRNA PAUL	NARAYANA P. U. COLLEGE, KAMMANAHALLI, BANGALORE PINCODE-560043
5	R. TWINKLE DEVI (XII)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
6	K. GAYATHRI (XI)	MNRD GIRLS HIGH. SEC SCHOOL, THIRUVENGADA ANNAIGAL SALAI, SRIVILLIPUTHUR, TN-626125
7	VISVESH SESHAN (XI)	AMBASSADOR SCHOOL, MANKHOO, DUBAI, UAE, 126924
8	R.JEYA DURGA(XII)	SRI VIDYA MATRIC HIGHER SEC SCHOOL, VIRUDHUNAGAR TN,626005
9	M. M. LINKESH KUMAR (XI)	KENDRIYA VIDYALAYA NO.1,CPCRI, KASARAGOD, KERALA, 671124
10	SHAKIR SHADUL I (XII)	SAFA ENG. MED. SCHOOL,MATTOOL NORTH, KANNUR, KERALA, 670325

Report prepared by Dr. Dileep Francis

Signature of HoD

ENVIRONMENT
CLUB
Department of Life
Sciences



Kristu Jayanti College
AUTONOMOUS Bengaluru
Recognized 'A' Grade by NAAC | Affiliated to Bangalore University

JUST SAY NO TO
PLASTIC BAGS
Save Green



NO PLASTIC DRIVE
TIME: 10.50-11.10
VENUE: QUADRANGLE

We
Problem

We
Solution

ENVIRONMENTAL AWARENESS PROGRAMME: THE 19TH DECEMBER 2018