



# ENVIRONMENT AUDIT REPORT

2019-20

**SUBMITTED BY:**

**International Institute of Waste Management**

**SUBMITTED TO:**

**Kristu Jayanti College (Autonomous)  
K Narayanapura, Kothanur PO, Bangalore-  
560077, Karnataka, India**



Environment Audit Report  
As part of the Green Campus Certification Process

<b>Name of the Institution</b>	<b>Kristu Jayanti Autonomous College</b>
<b>Details of the Facilities Audited</b>	Main College Building with the New Building, Green Cover, Rain water harvesting facilities, Sewage treatment plant, Solid Waste Management Facility
<b>Period of Audit</b>	2019-2020
<b>Audit Completion Date</b>	June – 2020
<b>Report Submission Date</b>	August 2020
<b>Name of the Auditing Agency</b>	International Institute of Waste Management
<b>Document Control</b>	Draft: 1. IIWM project staff 2. Key personal of Kristu Jayanti college Final: For circulation and public domain. Information to be acknowledged with credit to KJC, IIWM and AICTE

**Environment Audit Certificate**

This is to certify that the International Institute of Waste Management, Bangalore has conducted Environment Audit of the Kristu Jayanti College (Autonomous), during the period 2019-20. The data collection was undertaken in collaboration with the Audit team of the college as per the Standard Auditing process.

P. Bineesha  
Executive Director, IIWM



## INSTITUTION DATA AT A GLANCE

<b>Name of Institute:</b>	<b>Kristu Jayanti College (Autonomous)</b>
<b>Date of establishment: (YEAR OF ESTABLISHMENT)</b>	1999
<b>Full Address</b>	Kristu Jayanti College (Autonomous), K Narayanapura, Kothanur PO, Bangalore-560077, Karnataka, India.
<b>Population strength (2019-2020)</b>	Day scholars-5934 Residential students-1061 Floating population-15 Total teaching faculty members-232 Management and support staff-104
<b>Total sanctioned (approved) student intake</b>	3630
<b>Type of institute</b>	Unaided – Private
<b>Type of program</b>	Arts and Science College
<b>Departments/faculty that come under the institute</b>	Commerce-UG, Commerce-PG, Management -UG, School of Management (MBA), Economics-PG, Humanities-UG, English-PG, Journalism -PG, Psychology-PG, Life Sciences UG &PG, Computer Science UG, Computer Science PG
<b>Total area of the institute</b>	8.5 Acres
<b>Total built-up area</b>	6,12,864 Sq ft

### Details of Built-up area

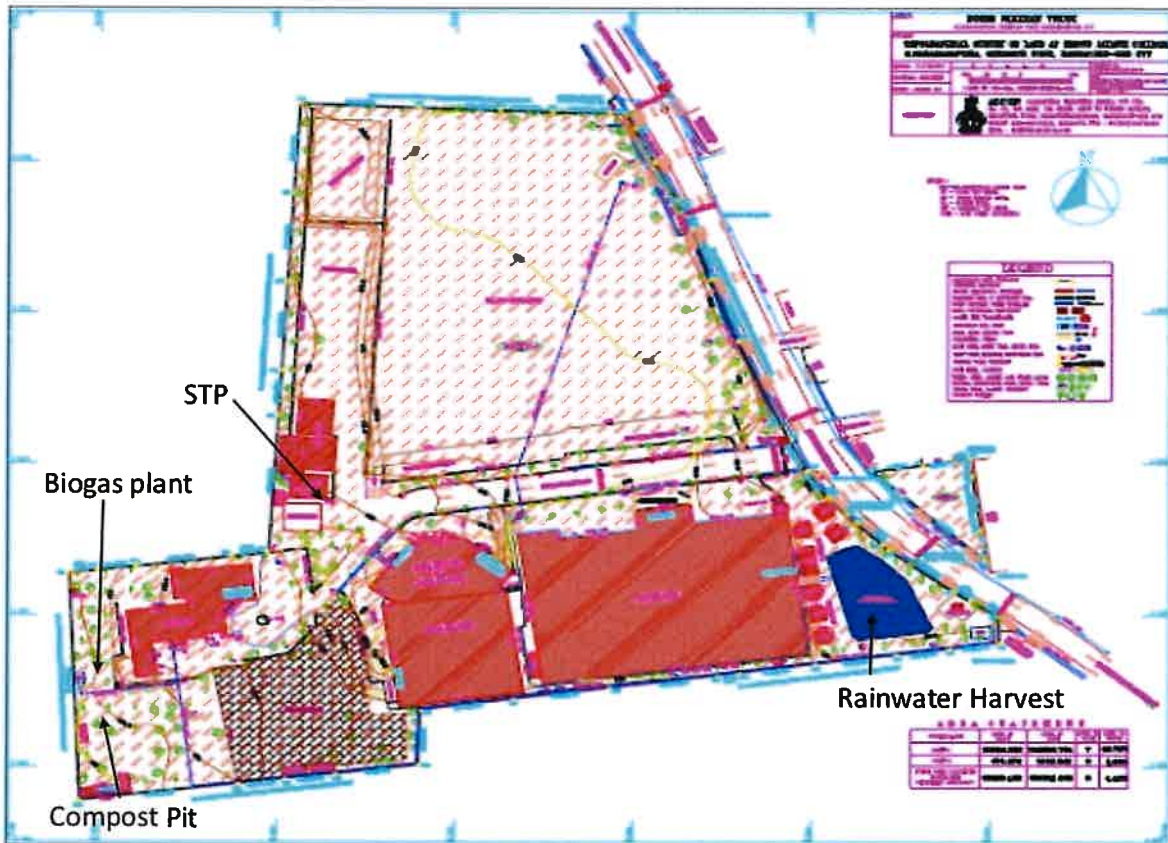
Particulars	Sq. Ft.
Residence Area	6468
PG Block	18223
Building Area of UG Block	27986
Building Area of Admin Block	28912
Total built-up plinth area	81589

### Details of Open area

Particulars	Sq. Ft.
Students Walking Area (Old Parking Area)	23303
Vegetable Garden Area	37329
Open Area in Middle of MBA, MCA Block	850
Centre Opening (Quadrangle) in UG Block	9838
Foot Ball Ground	45337



Particulars	Sq. Ft.
Volley Ball Court	3336
Basket Ball Court (1 ½)	9300
Medicinal Garden	4133
Rain Water Centre Area	5993
Garden cum Students Canteen around Rain water harvest tank	15456
Garden between Ground and Narayanapura road side	14563
Garden between College road and Ground	19740
Garden in front of Admin Block	1937
Garden on Convent/ Boundary Wall	1657
Vegetable Garden behind UG Block	3993
Garden near ATM	2329
Tar Road	12109
<b>Convent Road</b>	4940
<b>Garden in between UG &amp; PG Block</b>	1872



Location of Compost pit, Biogas plant, Rainwater harvest tank, STP





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## EXECUTIVE SUMMARY

International Institute of Waste Management (IIWM) signed an MoU with Kristu Jayanti College (Autonomous), Bangalore, on 31<sup>st</sup> July 2019 to support the college in making it a 'Green Campus' as per the 'All India Council for Technical Education (AICTE)' initiative encouraging Campuses to be Green Certified. IIWM was involved with Kristu Jayanti in their endeavours earlier in making the campus eco-friendly. An initial basic audit as per the guidelines was undertaken between August and October 2019. The college was successfully rated as a **Green Campus** and awarded the '**GOLD RATING**' as per the certification criteria, on the occasion of the 150<sup>th</sup> Gandhi Jayanti

### ***Exclusions and Limitations***

As a separate detailed Energy Audit was carried out, this aspect is reported only as cursory input in this Audit Report. Similarly, the Climate Change component is also not covered in this report as the data for such an analysis is very scanty. The College is currently setting up structured system for capturing detailed environmental data and hence, this report does not include detailed analysis and trends.

### ***Environment Audit Process***

This report focuses on four major environmental criteria – Water, Waste, Wastewater and Biodiversity, covering the range of significant Impacts. For each indicator, a benchmark was established to evaluate the college's overall performance. These benchmarks are taken as per the Green Campus Guidelines developed by IIWM for AICTE, but were occasionally adapted to be more relevant to Kristu Jayanti College.

The performance of the college on each of these indicators were examined, and recommendations were offered about how the College can reduce its environmental impact within each indicator. The following table provides an accurate snapshot of Kristu Jayanti College's environmental impact at this (2019-20) point in time, and that it will aid the College in prioritizing positive steps it can take to improve overall sustainability. This Environment Audit Report is a document to be revisited periodically by the College for implementation of measures as suggested.

This report will also form the basis for the Green Campus Rating for renewal for the year 2020-21 besides further site inspections during the rating .



## Environment Audit Summary

The focus of this report is the implementation of measures adopted in establishing Eco-Infrastructure and in addressing the specific issues identified during the previous four years of Audits.

Water Conservation		Waste Management		Wastewater Management		Bio-diversity Conservation	
Current Practice	Desirable	Current Practice	Desirable	Current Practice	Desirable	Current Practice	Desirable
Rainwater Harvesting from Main & MBA PG Block & utilized for non-potable purpose. 24 lakh litres of water is harvested annually	Rainwater Harvesting from the entire campus including open areas	Solid Waste: Colour coded dustbins for segregation of waste in open areas & canteen installed. Composting of garden litter undertaken	Source segregation of waste to be practiced in the entire campus & IOT based waste data to be maintained. Biogas plant has been installed.	Sewage Treatment Plant operational for 90 KL/D & 180 KL/D treated using Septic Tanks. 100% of wastewater generated is treated within the campus. Treated water discharged into sewer line	Recycling of the treated water from STP for non-potable purpose within the campus to be undertaken	Campus has 40% green cover, which is more than the bench mark required.	Any incremental improvement is more than desirable. Studies on Climate Change Mitigation to be undertaken
Reverse Osmosis for drinking purpose is installed and the reject is let into drain	Reject of Reverse Osmosis is treated and recycled	E-Waste: Separately being stored for handing over to E-Waste Recyclers	E-Waste Inventory for the campus to be undertaken	Sludge from the STP being disposed to authorized BBMP contractors	Utilisation of Sludge from STP within the campus to be undertaken	Medicinal garden with more than 80 species existing. Vegetable garden with few species cultivated.	Entrepreneurship opportunities with Herbal garden to be explored



Water Conservation		Waste Management		Wastewater Management		Bio-diversity Conservation	
Current Practice	Desirable	Current Practice	Desirable	Current Practice	Desirable	Current Practice	Desirable
About 10% of taps are fixed with pressurized devices to conserve water	All taps in the campus to be fitted with water conservation devices	Paper Waste: ITC best practice of paper conservation being practiced	Recycling of Paper Waste at campus to be undertaken			Student projects on the herbal garden being undertaken	Explore DST funding for research projects
Water meters not installed	Water meters with data capture using cloud computing to be installed	Hazardous/Toxic Waste: Identification and listing undertaken	Incineration of Sanitary Napkins to be undertaken. Inventory of all HW in the campus to be done			Floral species diversity recorded and maintained.	Faunal diversity to be recorded and maintained



#### Water Conservation

Capture 100% data on Water consumption within the college. Long term goal is to continue to increase efficiency of water use within the campus.



#### Waste Management

Reduce plastic use by 50% within the campus. Use 20% of paper waste products generated within the campus



#### Wastewater Management

Use 40% of treated wastewater within the campus.



#### Bio-diversity Conservation

Record the birds, animals, butterflies and other insect diversity within the campus.





The findings of this report show that the college performs fairly well on sustainability issues. The college does consider the environmental impacts of most of its actions and makes a concerted effort to act in an environmentally responsible manner. In conversations with faculty, students, and administration at the college, a major theme has been the improvements made over the last five years in how the college performs environmentally. Swach Bharath, Gram Swach, Swach Bengaluru, Swach campus programmes are conducted in the campus and in the nearby villages on a regular basis by the members of NSS, NCC, CSA, Environment club as part of extension activities. The faculty members of the Department of Life Sciences have carried out research in the field of environment toxicity, biofuel production, biodegradation, biofertilizers and medicinal plants and published in Scopus and UGC indexed journals. The students at the undergraduate and post graduate level carry out projects on related topics every year.

Even though the college does perform fairly well, the recommendations in this report highlight many ways in which the college can work to improve its actions and become a more sustainable institution.

Some of the immediate Environmental measures which the college has agreed to implement are as follows:

1. Rain Water harvesting: A new 20 lakhs litres capacity rain water harvest tank is built in the basement of the new administrative building. Check dam construction
2. Improve waste management system by enhancing composting plant/ biogas plant
3. Install measurements/ data capture of environmental attributes within the campus.
4. Undertake faunal studies to record the biodiversity of the campus.





## INTRODUCTION

International Institute of Waste Management (IIWM), jointly with All India Council for Technical Education (AICTE), has been promoting the concept of 'Green Campus' to inculcate the sustainable value systems among the students, so that they carry the learnings and practices them in their future endeavours. This will ensure that Sustainability and Environmental practices get embedded in all the institutions and organisations in the country.

### What is Green Campus?

A Green Campus is a place where environmentally friendly practices and education combine to promote sustainability in the campus which ultimately offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind. This can be achieved by sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. Institute has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus.

## OBJECTIVES

The main objectives of Green Campus Audit is to assess the environment management and sustainability concepts practiced in the college campus. The Specific objectives of Green campus audit are:

- To systematically identify the environmental aspects and components within the campus
- To quantify, record and analyse the identified aspects and components of environmental diversity of the campus.
- To deduce the impact of the environmental practices caused within and outside of the concerned campus.
- To establish baseline data or compare the past trends and predict future impacts
- To recommend possible measures for improvement and highlight best practices



## METHODOLOGY

The methodology adopted for this Green Campus Audit has been as follows:

Pre-Audit meeting	A meeting of the Key Personnel of the campus was undertaken in the presence of the Vice Principal on <b>17<sup>th</sup> July 2019</b> . The audit process was explained and a plan drawn-up for scoping visit of the campus.
Scoping study of the campus	A scoping study to identify key environmental aspects of the campus was undertaken on <b>20<sup>th</sup> July 2019</b> . The components were discussed with Mr.Edward Aloysius, Campus In-Charge.
Audit Checklist	A detailed audit checklist was prepared based on the scoping study and was shared with the Coordinator of the Green Campus – Mrs. Priya Josson, Coordinator-Environment club.
Analysis of data	The data provided was analysed by IIWM and a checklist for physical verification was prepared.
Site Verification	A physical verification of the data provided was undertaken by various teams and experts by IIWM during the month of August and September and the audit report was prepared.

Physical inspection of the campus, observation and review of the documentation, interviewing key persons and data analysis, measurements and recommendations were the process adopted in the process of audit report preparation.

## SCOPE OF WORK

The study covered the following area to summarize the present status of environment management in the campus.





The Audit Framework also examined other 'Soft' aspects of the Greenness of the Institution, which are as follows:



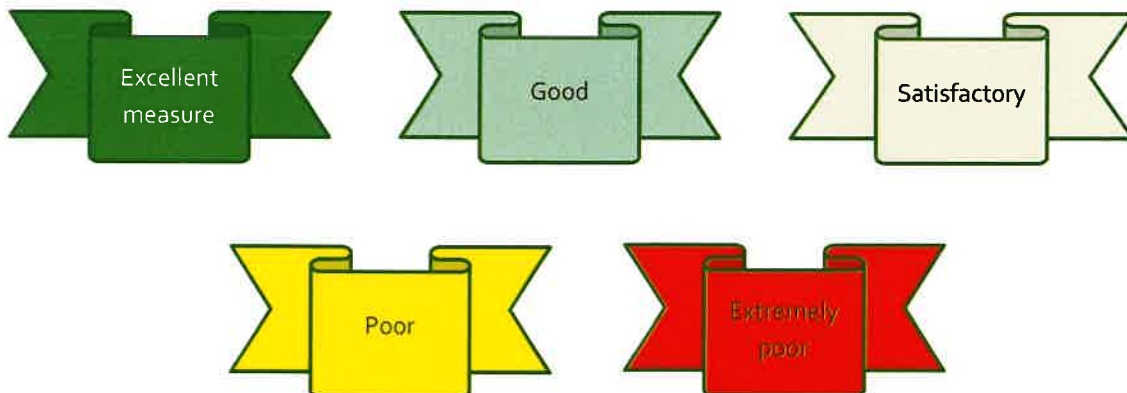
#### APPROACH ADOPTED FOR THE REPORT

This Environment Audit Report is prepared by examining all the data provided by the college and physical verification of the data where ever possible. The analysis is interpreted in the Environment framework and reported under each of the above aspects delineated. A summary of the report and recommendation for further improvement is provided in the end of the report.

The Soft aspects of the Environment Audit is discussed in the initial chapters and in the later chapters the audit aspects of water, waste, biodiversity, energy etc., is discussed.

The result and observations are flagged as audit findings in each of the chapters. The findings are highlighted as follows in each chapter:

The colour of the ribbon is indicative of the green measures the college is adopting. If the measure is very good, the colour will be dark green. The colour deteriorates to lighter shades and turns yellow to orange to red depending on the problem areas.







## MANAGEMENT COMMITMENT TOWARDS ENVIRONMENT – ASPECT -1

### ABOUT THE COLLEGE

Kristu Jayanti College, founded in 1999, is managed by "BODHI NIKETAN TRUST", formed by the members of St. Joseph Province of the Carmelites of Mary Immaculate (CMI). The College is affiliated to Bengaluru North University and is reaccredited with grade 'A' in 2015 by NAAC in the Second Cycle of Accreditation. The College is recognized by UGC under the category 2(f) & 12B. The College was accorded Autonomous Status from 2013 by the University Grants Commission, Government of Karnataka & the Bangalore University. For its contribution in the field of Education, Kristu Jayanti College was recently given the Heroes of Bengaluru award. In the India Today - MDRA survey 2019, Kristu Jayanti College, Bengaluru is awarded as the Best Emerging College of the Century at National Level and the college is ranked 6th Best BCA, 12th Best MSW, 19th Best Arts, 21st Best Commerce, 21st Best BBA and 26th Best Science College in India. The College also ranked 2nd Best in BCA & MSW, 3rd best in Commerce, 4th Best in Arts & Science and 6th best in BBA among the colleges in Bengaluru.

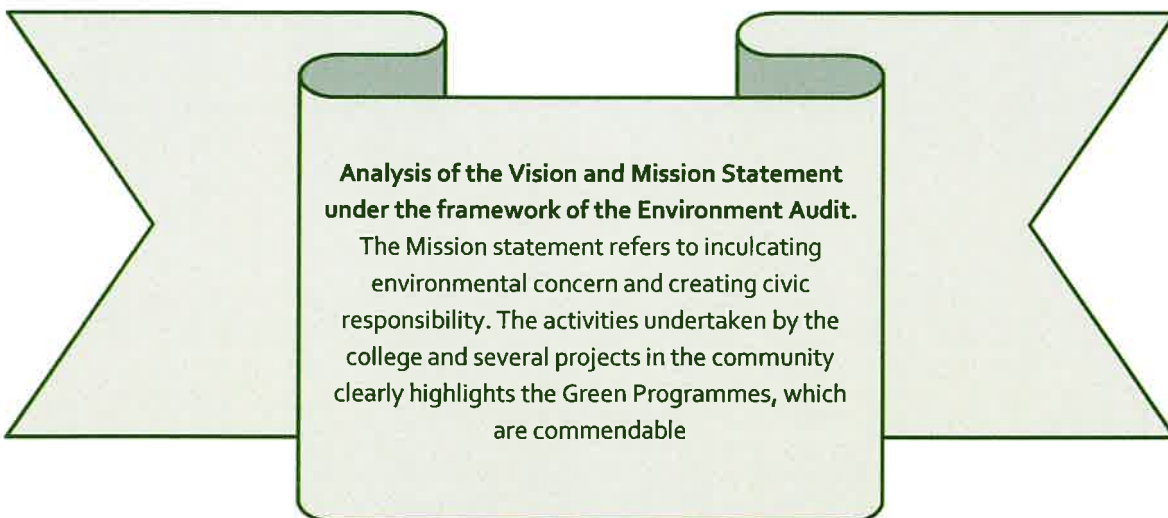
### VISION AND MISSION STATEMENT

#### VISION

'Light and Prosperity': To provide intellectual and moral leadership by igniting the minds of youth to realize their potential and make positive contributions leading to prosperity of the society and the nation at large.

#### MISSION

'Kristu Jayanti College strives to provide educational opportunities to all aspiring youth to excel in life by nurturing academic excellence, fostering values, creating civic responsibility, inculcating environmental concern and building global competencies in a dynamic environment





Roof top Solar Panel



## GREEN PROCUREMENT

College has been conscious in considering the environment while making major procurements. However, there is no clear policy and laid down guidelines for eco-procurement for the college. It is advised to set a policy for 'Green Procurement'.

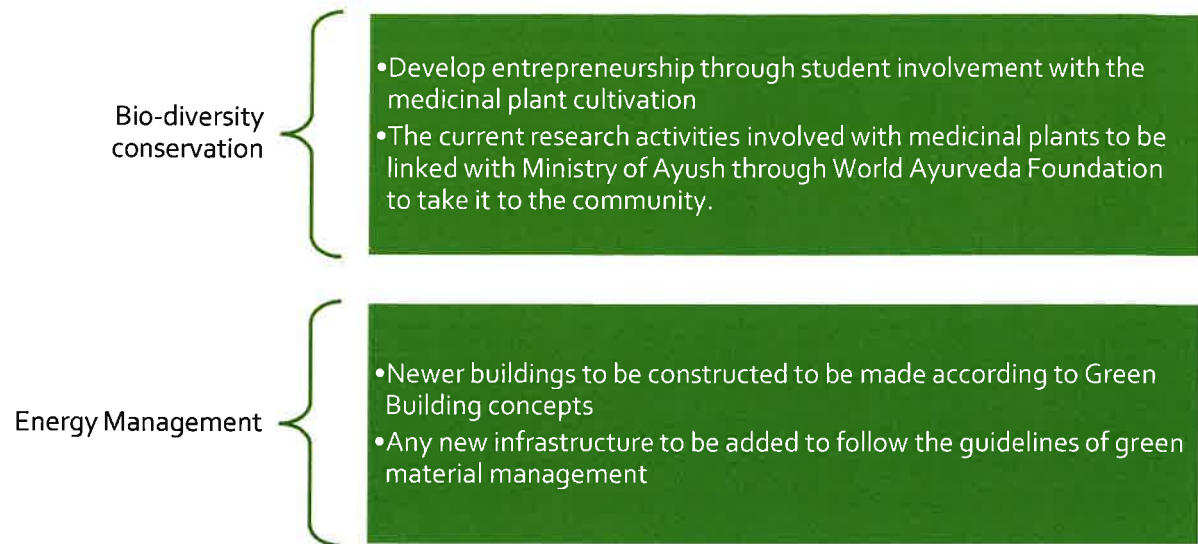
## AIR POLLUTION MITIGATION

The college encourages the students to use public transport. As the college campus is small, no vehicle movement is allowed within the campus, except for goods and service movement occasionally. The parking of staff vehicles is allowed at a designated space within the campus. Hence, air pollution due to vehicular movement is negligible. Paved roads and vegetation help in reducing dust pollution to a large extent. Burning of waste within the campus is strictly banned.



## RECOMMENDATIONS

Management Commitment	<ul style="list-style-type: none"><li>•Environment Policy for the College: Although there is a mention of the environment aspects in the college's "Infrastructure and maintenance Policy" – which states that – "Utilisation of renewable energy resources by harnessing rainwater and solar energy and sewage water treatment", "Aim for zero percentage wastage through effective wet and dry waste management", "Create and maintain a green certified campus", it is important for the College to highlight its Eco-friendliness by drafting a separate 'Environment Policy' which is inclusive and action oriented.</li></ul>
Management Commitment	<ul style="list-style-type: none"><li>•The College should be proud of its Eco-infrastructure and display the same with its eco-friendliness in the website upfront. The saving potential and carbon friendliness needs to be showcased. Its targets for improvement also should be put forth.</li></ul>
Student involvement	<ul style="list-style-type: none"><li>•Involvement of Students in Eco-Infrastructure projects to maintain the colleges infrastructure and evaluating the existing infrastructure should be undertaken</li></ul>
Community Involvement	<ul style="list-style-type: none"><li>•The community programmes should be designed which is long term, which should see the physical changes in the villages which are tangible and carried out by different departments with same thread. For example, Water conservation activity in the village for three years with clear target of increasing the water harvesting area and structures in the village. The results can thus be physically measured.</li></ul>
Water conservation	<ul style="list-style-type: none"><li>•The water harvesting structure installed should have a water level meter installed. A water audit spreadsheet should be maintained by the college with clear target set annually for conservation measures.</li><li>•Taps in the toilets should be replaced with air pressured water conservation measures.</li></ul>
Waste management	<ul style="list-style-type: none"><li>•Composting of food waste from the canteens to be undertaken</li><li>•No single use plastic within the campus to be made as a policy in the campus. Boards banning single use plastic to be displayed in the campus in prominent places</li><li>•Weighing machine with segregation of waste, which is digitised to be installed in the college. This will enable the college to adhere to the 'Smart and Clean campus' parameter . This will also capture the various waste streams of the campus like E-Waste, Recyclables like glass, rejects, organic waste etc., on a real time basis and help in setting targets for reduction. Resource efficiency can be proven using this measure</li></ul>
Wastewater management	<ul style="list-style-type: none"><li>•Recycling of the treated water should be undertaken.</li><li>•Installation of DTS (decentralised wastewater treatment system) for the standalone new buildings to be undertaken.</li></ul>



## WAY FORWARD

A meeting with IIWM and key management staff of the college to be convened to draw up a step by step implementation/ action plan for the college to implement the measures suggested by IIWM. A list of action plan with short term, medium term and long term implementation to be chalked out in consultation based on the above recommendation.

A possible recommended action plan with bifurcation is provided below for consideration:

### Short term/immediate actions:

- Website to have the eco-infrastructure write up and photographs
- Environment policy to be revised
- Infrastructure which can make the campus a SMART campus like water meters, Smart weighing machine for solid waste which has cloud computing, Solar panels connected to a mobile app etc.,
- No single use plastic campus to be made

### Medium term actions:

- Waste water recycling provision, installation of DTS for newer blocks
- Replace the current water faucets and taps with water efficient taps.
- Bio-diversity entrepreneurship development

### Long term actions:

- Targets for community engagement to improve villages through partnership programmes





## GLIMPSES OF CAMPUS

### Entrance of Kristu Jayanti College



**Green Campus Award Ceremony by AICTE Senior Director, Dr. Ramesh Unnikrishnan**



## Green Infrastructure in Kristu Jayanti College



Main block Quadrangle



Greenery between buildings



Medicinal Garden





## Sewage Treatment Plant



Segregated collection of waste in the canteen



Rainwater Harvest Tank



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**Biogas Plant**

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# ANNEXURES



## ANNEXURE 1: ENVIRONMENTAL CLUB ACTIVITIES FOR THE YEAR 2019-20

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 among students on the environment.
4. Find out solutions to environmental issues and put it into practice.
5. Ensure environment friendly practices in the college and in the neighbouring communities

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.



### ENVIRONMENT CLUB ACTIVITIES (2019 -2020)

DATE	ACTIVITY
15 <sup>th</sup> June 2019	Environment Day Celebration-Planting of saplings in Government School and road side
12 <sup>th</sup> September 2019	Jal Shakthi Abhiyan-Lecture on "Water conservation and Rain water harvest"
26 <sup>th</sup> November 2019	Green campus Certification with Gold rating
28 <sup>th</sup> November 2019	Photography Contest on "Pollution Free India"
02 <sup>nd</sup> December 2019	National Pollution Control Day Celebration-Awareness programme on "Beat Pollution"
12 <sup>th</sup> December 2019	Awareness Rally on "Water Conservation"
13 <sup>th</sup> January 2020	Environment Brigades-Monitor energy and water consumption
17 <sup>th</sup> January 2020	7 <sup>th</sup> Green India Essay Competition
25 <sup>th</sup> January 2020	Visit to Government School of Narayanapura and Kothanur – Awareness on Conservation of Water and Energy
7 <sup>th</sup> March 2020	Woman Entrepreneurship in Waste Management Technology
7 <sup>th</sup> March 2020	Social Extension Programme
January - March 2020	Technology Transfer from Lab to Field
22 <sup>nd</sup> May 2020	Webinar on "Biodiversity assessment and conservation strategies for major lakes of Bengaluru" on International Day for Biological Diversity
05 <sup>th</sup> June 2020	Webinar on "Waste Valorisation: A new paradigm for sustainable environment" on World Environment Day



## **ENVIRONMENT DAY CELEBRATION - PLANTING OF SAPLINGS IN GOVERNMENT SCHOOL AND ROAD SIDE**

**Date:** 15/06/2019

**Name and details of the Chief Guest:** Rev. Fr. Josekutty P D, Principal,  
Kristu Jayanti College (Autonomous), Bangalore.

**Objective:** To encourage students to take action and to protect the environment by planting saplings.

### **Brief Write up on the Programme:**

World Environment Day is observed by the United Nations for encouraging worldwide awareness and action to protect our environment. Kristu Jayanti College celebrated the World Environment Day on 15th June 2019 with a tree plantation drive. Environment Club in association with Centre for Social Activities, National Service Scheme, National Cadet Corps, Kristu Jayanti Alumni Association and Government Primary School, K. Narayanapura carried out planting of tree saplings at the premises of K. Narayanapura. The event was presided by the Principal, Kristu Jayanti College. Members of the management, faculty and students of Kristu Jayanti College, students and teachers of Government Primary School, K. Narayanapura and many residents of K. Narayanapura were present. Mrs. Hemalatha, Headmistress of Government Primary School, K. Narayanapura welcomed the gathering for the tree plantation drive. Rev. Fr. Josekutty PD, Principal, Kristu Jayanti College, delivered the presidential address. Lt. Dr. Sarvesh B, NCC officer delivered the vote of thanks. The volunteers of Environment Club along with the CSA, NCC, NSS and students of Government Primary School, K. Narayanapura spear headed the plantation of tree saplings in the premises of the Veterinary Hospital, Government Primary School and neighbourhood of K. Narayanapura. The alumni of Kristu Jayanti College were also actively involved in the drive. Around 100 tree saplings were planted.

### **Web URL:**

<https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2019&month=june&url=World-Environment-Day.php>





Photo





Coordinator, Environment Club

## JAL SHAKTHI ABHIYAN - LECTURE ON WATER CONSERVATION AND RAIN WATER HARVEST

**Date:** 12/09/2019

**Name and details of the Resource Person:** Prof. Vishwanath Srikantaiah, Adjunct Professor, Aziz Premji University, Bangalore.

**Objective:** The main aim of the campaign is to encourage rainwater harvesting

### **Brief Write up on the Programme:**

Environment Club in association with Centre for Social Activities organized a Guest Lecture on "Rain water Harvesting" on 12th September 2019. The Guest Speaker was Prof. Vishwanath Srikantaiah, Adjunct Professor, Ajim Premji University, Bengaluru popularly called as "ZENRAINMAN". He has 33 years of experience in water conservation and ecofriendly construction. Prof. Vishwanath Srikantaiah was member of WHO advisory committee on water conservation. In his lecture Prof. Vishwanath Srikantaiah rain water harvesting shared his expertise on the present water crisis in the world. He educated students about various types of water bodies and water storage structure that once existed in India in ensuring the water management. Prof Srikantaiah gave an overview of the water resources of modern India enabling the students to get a picture of various water resources. He enlightened the students about the excessive misuse of water resources especially ground water due to the excessive increase in surplus population, food grain production and electricity generation. Prof. Srikantaiah brought into focus about the need to revive or rejuvenate wells, borwells to conserve water. He urged the students to do their bit in preserving and conservation of water bodies for the welfare of the society. He elaborated different ways of rainwater harvesting and its installations. The students deemed the lecture as very good learning experience which helped them to understand the importance of water conservation at domestic level. The expert talk sensitized students about the problems of water scarcity in India and served as an impetus in order to fight this menace. During the interactive session, students also raised their concerns on Environment issues in Bangalore.

### **Web URL:**

<https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2019&month=september&url=Rainwater-Harvesting.php>



**Photo**



**Prof. Vishwanath Srikantiah addressing students**

**Coordinator, Environment Club**



## GREEN CAMPUS CERTIFICATION WITH GOLD RATING

**Date:** 26<sup>th</sup> November 2019

**Name and details of the Chief Guests:** 1. Dr. Ramesh U,

Director of Approval Bureau and Parliament Cell, All India Council for Technical Education (AICTE), New Delhi

2. Ms. Bineesha P, Executive Director, IIWM

**Objective:** Presentation of citation and certificate for Green Campus certification with Gold Rating

### **Brief Write up on the Programme:**

Kristu Jayanti College (Autonomous) has successfully been rated as a Green Campus and secured the 'GOLD RATING' as per the certification criteria. Green campus is an initiative of AICTE in collaboration with International Institute of Waste Management (IIWM) who assesses and audits for certification. IIWM is affiliated to Scientific and Industrial Research Organization (SIRO), Ministry of Science and Technology, The Central Pollution Control Board (CPCB) and Several State Pollution Control Boards. The Citation and Certificate was given by Dr. Ramesh U, Director of Approval Bureau and Parliament Cell, All India Council for Technical Education (AICTE) on Nov 26, 2019 at Kristu Jayanti College. It is also a matter of pride that Kristu Jayanti College is one of the pioneers in obtaining this certification and setting an example to other institutions under this category. Gold Rating of Kristu Jayanti College as being a Green Campus is a great tribute to Mahatma Gandhi on the occasion of the 150th Anniversary of Mahatma. The institution has always worked on the theme of 'Swachhta Hi Sewa' and became a role model to the neighbouring communities. Prof. Priya Josson, Director, Environment Club delivered the welcome address and shared the green initiatives by Kristu Jayanti College.

Ms. Bineesha P, Executive Director of IIWM shared her experience during rating of Kristu Jayanti College and appreciated the activities of Environment club. She highlighted on the very good percentage of green cover area, execution of green policies, involvement of the management, staff and students in the green practices, presence of large number of indigenous trees and more than 80 species of medicinal plants, student research projects using medicinal plants, water conservation by rain water harvesting, usage of renewable source of energy like solar energy and water recycling in Kristu Jayanti College. She also enlightened on the areas to be improved upon like solid waste management and enhancement in the utilisation of recycled water. Fr. Josekutty P D, Principal delivered the presidential address and appreciated the staff and students for maintaining the campus clean and green. Dr. Ramesh U delivered the keynote address and inspired the students to aim high and never to forget their almamater Kristu Jayanti College. Mr. Nitin John, student coordinator, Environment club delivered vote of thanks. The support staff Mr. Saneesh PM and Mr. Sibychen Mathew was felicitated during the function for their coordinated efforts to keep the campus green and clean. The management, staff and students are committed to strive further and continue their pursuit to be eco-friendly and achieve the Platinum rating very soon.





Photo



Coordinator, Environment Club

PHOTOGRAPHY CONTEST ON "POLLUTION FREE INDIA"



**Date:** 28th November 2019

**Classes Attended & Number of beneficiaries:** All U.G Courses

**Name and details of the Chief Guest:** Fr. Dr. Augustine George,  
Vice Principal,  
Kristu Jayanti College (Autonomous), Bangalore

**Objective:** To inspire students to capture acts of pollution and its management as an effort to curb the menace

**Brief Write up on the Programme:**

In commemoration of National Pollution Control Day on 02<sup>nd</sup> December 2019, Environment Club of Kristu Jayanti College (Autonomous) conducted a photography contest (Capture the action to curb pollution) with the theme of pollution free India for all students. Twenty five entries were received for the contest and were judged by faculties with proven expertise. Vice Principal Fr. Dr. Augustine George and Fr. Emmanuel P. J, Director, Kristu Jayanti College of Law awarded certificates and cash prizes to the winners and consolation prize winners. Joel John of IV sem BBA secured the first prize and R. Emmanuel Selva Royan of II BA HEP received the second prize. Rajat Krishnan (II BCA), Alex Savi (IV sem BCA), Alfred Francis (VI sem BCA), Pawan Reddy (IV sem BCA) and Kevin Victor Philips (VI sem BCA) received consolation prizes. Fr. Dr. Augustine George congratulated all the winners and commended on the brilliant photographs clicked by all the participants. He also congratulated the faculty members of environment club for their dedicated efforts in conducting a contest on National Pollution Control Day.

**Web URL:**

<https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2019&month=december&url=National-pollution-day.php>

**Photos**





**Coordinator, Environment Club**





## NATIONAL POLLUTION CONTROL DAY CELEBRATION - AWARENESS PROGRAMME ON "BEAT POLLUTION"

**Date:** 02<sup>nd</sup> December 2019

**Classes Attended & Number of beneficiaries:** All U.G life science students; 374 students and the entire college students witnessed

**Name and details of the Chief Guest:** Fr. Dr. Augustine George,  
Vice Principal,  
Kristu Jayanti College (Autonomous), Bangalore

**Objective:** To sensitize students of Kristu Jayanti College on Pollution and its effects and instigate them to be environmental warriors to save Planet Earth.

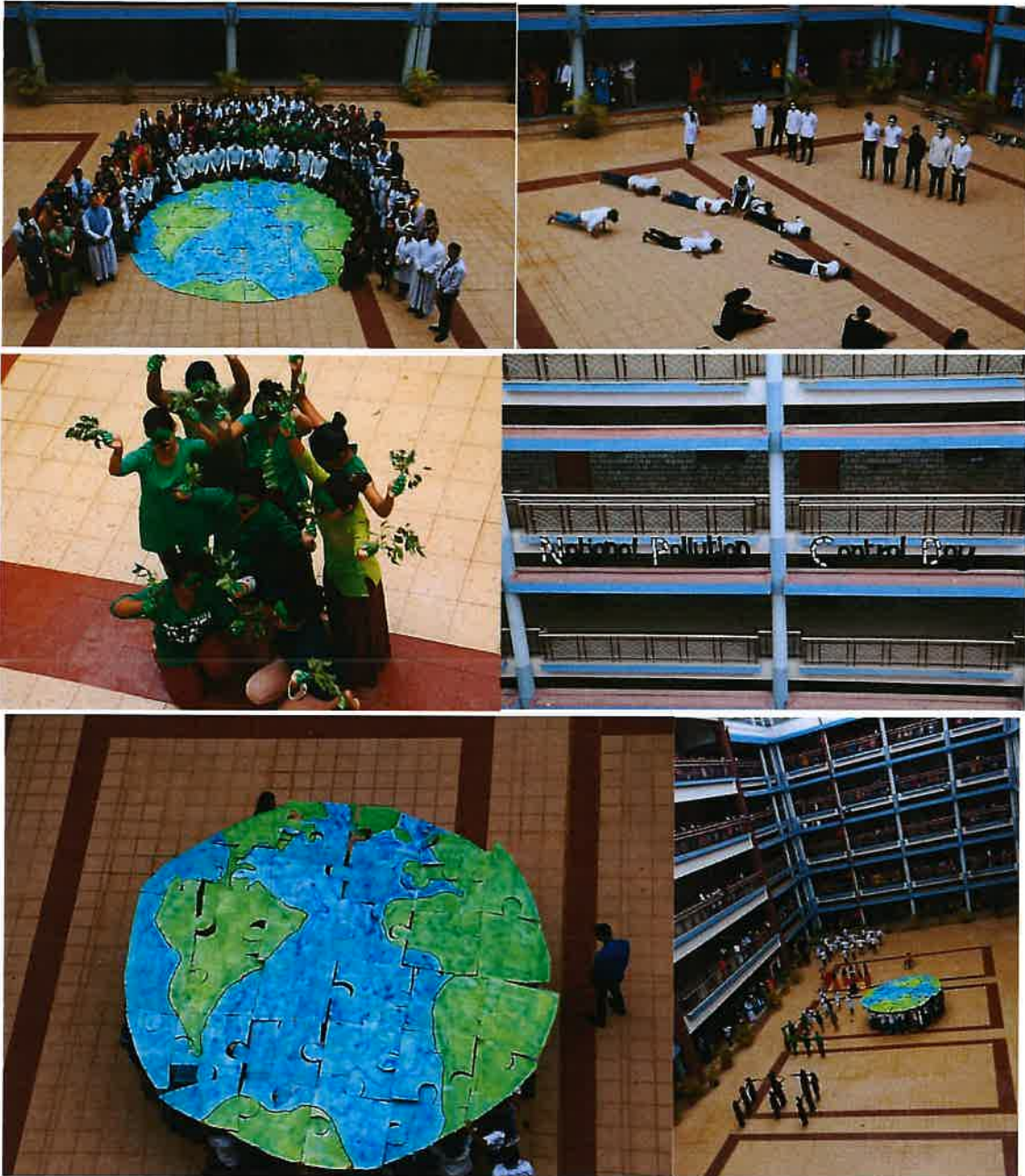
### **Brief Write up on the Programme:**

The Environment Club of Kristu Jayanti College, led by the Department of Life Sciences organized an awareness programme through a musical dance drama in observance of the National Pollution Control Day, 2019. Brilliantly orchestrated dance –drama performance was performed by the undergraduate students of the environment club of life sciences department pleading for a pollution free earth. The dance drama highlighted the impact of anthropological effects of pollution on earth and how we urgently need to address the climate change. The programme was conducted in Quadrangle and was witnessed by all the students and staffs of Kristu jayanti College. Vice Principal Fr. Dr. Augustine George and Fr. Emmanuel P. J, Director, Kristu Jayanti College of Law praised the brilliant concept of the performance and stressed on the importance of continuing the practice of awareness on pollution free earth by volunteer students as environment brigade





Photo



Coordinator, Environment Club



## AWARENESS RALLY ON WATER CONSERVATION

**Date:** 12<sup>th</sup> December 2019

### **Objective:**

- To make the society aware and impart knowledge on importance of water usage
- To set of principles for conservation of water in the minds of the community
- To help the students in understanding the responsibilities to conserve water for future

### **Brief Write up on the Programme:**

An "Awareness Rally on Water Conservation" was organized by Environment Club of Department of Life Sciences, Kristu Jayanti College, Bengaluru on Thursday, 12<sup>th</sup> December 2019. Students led by Dr. Sonia Angeline M and Dr. Manikanadan K, Faculty members, Department of Life Sciences actively participated in creating the awareness around the college campus. The student volunteers in the awareness rally conveyed the imperative messages about the preservation of rain water, rain water harvesting set-up in homes, water usage, prevention of water wastage and water pollution, recycling of water methods and planting of saplings to recharge the underground water level.



**Coordinator, Environment Club**



## ENVIRONMENT BRIGADES

**Date:** 13<sup>th</sup> January 2020

**Name and details of Faculty in Charge:** Prof. Priya Josson A,

**Objective:** To monitor, check and reduce electricity and water usage in campus of Kristu Jayanti College, Bengaluru

### **Brief Write up on the Programme:**

Saving electricity reduces the amount of carbon dioxide released into the atmosphere. Energy efficiency is widely hailed as a key component of slowing global warming. Electricity obtained from solar and wind power means use less amount of fossil fuels. Most of the electricity used in homes comes from the burning of fossil fuels such as oil or coal. These fuels are needed to power the turbines that produce electricity. These resources are not unlimited or renewable; the faster they are used and the more electricity that is consumed, the quicker they will be depleted.

Students of the Environment Club associated with the Department of Life Sciences have taken an initiative to check the usage of electricity and water in our campus. 130 students have been involved in this programme. The environment brigade of students began monitoring electricity and water usage from 13<sup>th</sup> January 2020. The students from 2<sup>nd</sup> and 4<sup>th</sup> semester were assigned class rooms and wash rooms which they had to check during lunch and after 4:30pm. They were made into six groups. 58 class rooms and 11 wash rooms were checked every day. Each day one group was assigned to check the campus. At the end of the day, a representative from the respective group submitted a report on the programme to the student coordinators.

Two leaking taps were noticed and repaired. The taps that were open were taken care. The classrooms that left lights and fans switched on continuously were noticed and informed to switch it off. Projectors that were on when not used were asked to switch it off. The effort by the environment brigades helped in saving electricity and water in a major way and spread awareness among students to save the resource available.











Invitations sent	2500
Essays Received	40
Schools participated	14

#### *Green India 2019: Key Statistics*

The total number of essays received was 40. The number of Schools that participated is 14. The Essays were evaluated by a panel of judges from the Life Sciences Department and the results were declared on 20<sup>th</sup> December 2019. The results were posted on the college website and emails 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 17<sup>th</sup> January 2020. 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 (Autonomous) and Dr.T.V Ramachandra, Professor, Centre for Ecological Sciences, Indian Institute of Science, Bengaluru. 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.

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.



**Photo**



***The Prize winners of the 7<sup>th</sup> National Green India Essay competition after the felicitation ceremony with the Principal, Dean and HOD of the Life Sciences Department and the staff coordinators***

**Coordinator, Environment Club**



## VISIT TO GOVERNMENT SCHOOL OF NARYANAPURA AND KOTHANUR – AWARENESS ON CONSERVATION OF WATER AND ENERGY

**Date:** 25<sup>th</sup> January 2020

**Name and details of the Faculty in Charge:** Dr. Hanumantappa B Nayaka,

**Objective:** To create an awareness on environment pollution among students of Government School of Narayanapura and Kothanur Village, Bangalore.

### **Brief Write up on the Programme:**

Most Indian cities are experiencing rapid urbanization and a majority of the India's population is expected to live in cities within a span of next two decades. The rapid development in urban India has also resulted in a tremendous increase in the number of automobiles, large scale water pollution and noise pollution. Hence was the need to educate the future generation about how we could use sustainable alternatives for a better tomorrow.

On the 25th of January 2020, the Environment club associated with the Department of Life Sciences, visited two government schools, the Narayanapura Government Primary School and the Sri Siddhartha Sanivasa High School Kothanur. The event presided with an invocation dance by the students of the government school. The students of the Kristu Jayanti College gave presentations about air pollution, water conservation, and waste management. The children were also engaged with few games hosted by the students. The session ended with an interactive session where the students were taught how to make paper bags and the importance of banning usage of plastic

**Photo:**





Coordinator, Environment Club



## **TRAINING SESSION ON WOMAN ENTREPRENEURSHIP IN WASTE MANAGEMENT TECHNOLOGY AS PART OF WAVE PROGRAMME**

**Date:** 07<sup>th</sup> March 2020

**Classes Attended & Number of beneficiaries:** PG Girl students of college

**Name and details of the Resource Person:** Mr. Anand Raj,  
Owner of "Eat Raja - Amma Madiddu",  
Malleshwaram, Bengaluru.

**Objective:** To empower and train girl students to manage waste and contribute to sustainable development and become entrepreneur to start Zero Waste Juice centre in College.

### **Brief Write up on the Programme:**

On the occasion of Woman's Day, Environment Club of Kristu Jayanti College in association with IWM, Bengaluru and Woman Empowerment Cell conducted a capacity building programme on "Woman Entrepreneurship in Waste Management Technology" for the women students of Kristu Jayanti College, Bengaluru on 7<sup>th</sup> March 2020. The session was conducted under the framework AICTE-IWM WAVE (Waste Management Accelerators for Aspiring Woman Entrepreneurs). The students were trained in skills and management to start a zero waste juice centre within the campus and further take it up as an incubation centre for training and employing few rural women for the same. Chief Guest for the day, Mr. Anand Raj, owner "Eat Raja - Amma Madiddu"- A zero waste juice cafe situated in Malleshwaram, Bengaluru, gave hands-on training to the students and inspired the students to manage waste and contribute to sustainable development. Fr. Josekutty PD, Principal, Kristu Jayanti College gave all support to the students to go ahead with the environment friendly venture and Ms. P Bineesha, E D of IWM assured that IWM will be doing the handholding of this incubation centre and facilitate in creating linkages like technology support for mechanisation, franchise model development digital interface etc. Followed by the training session, interested students registered their names to initiate the on-campus venture. The students of Kristu Jayanti College look forward to set an archetype for having the first zero waste juice cafe on campus.

**Web URL:**



<https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2020&month=march&url=Waste-Management-Technology.php>

**Photo:**



**Coordinator, Environment Club**



## **EXTENSION PROGRAMME TO VILLAGE**

**Date:** 07<sup>th</sup> March 2020

**Name and details of the Faculty in Charge:** Dr. Hanumantappa B Nayaka,

**Objective:** To educate the farmers about the hazards of using chemical fertilizers and advantages of using biofertilizers and solid waste management.

### **Brief Write up on the Programme:**

The Life Sciences Department organized an Extension Programme on 7<sup>th</sup> March, 2020. Students selected by the department were accompanied by Dr. Hanumanthapa B. Nayaka and NSS Volunteers, and the NSS Faculty in charge Mr. Sreedhar.

A large number of the Local farmers from nearby villages had gathered and farmers were educated about the hazards of using chemical fertilizers and advantages of using biofertilizers that was produced by the Solid wastes. Mr. Sreedhar P.D engaged the audience with a story from Mahabharatha and also gave a brief introduction about the college and what was the purpose of this programme. Then he gave a brief introduction about biofertilizers and its importance. Later, the stage was taken over by the students who presented and explained the posters on biofertilizer. After the poster presentation, Dr. Hanumanthapa B. Nayaka explained about biofertilizers and work on them with the help of student volunteers. Free packets of biofertilizers of 1kg quantity were distributed to the farmer volunteers who wanted to try out the biofertilizer made from solid waste from the college.

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***THE QUESTIONS AND DOUBTS RAISED BY THE FARMERS WERE ALSO ANSWERED AND CLEARED. THE SOCIAL EXTENSION PROGRAMME WAS VERY CONSTRUCTIVE AND EDUCATIONAL.***





**Photo**



**Coordinator, Environment Club**



## TECHNOLOGY TRANSFER FROM LAB TO FIELD

**Date:** January – March 2020

**Name and details of the Faculty in Charge:** Dr. U.Sivagamasundari, Dr. Hanumantappa B Nayaka,

### **Report on the programme:**

Biofertilizers are substance that contains microorganism's living or latent cells. Biofertilizers increase the nutrients of host plants when applied to their seeds, plant surface or soil by colonizing the rhizosphere of the plant. Biofertilizers are more cost-effective as compared to chemical fertilizers. The microorganisms in biofertilizers restore the soil's natural nutrient cycle and build soil organic matter. One of the major advantages of such fertilizer is that it does not harm the environment or in other words it's environment-friendly.

Hence the present trial was practiced to evaluate the efficacy of biofertilizer consortium developed in the Biotechnology Research Laboratory of Kristu Jayanti College and tested in field provided by Alamba charitable trust, Gubbicross, Bangalore Rural district of Karnataka;

### **Objectives**

- ✓ An alternative eco-friendly approach for sustainable agricultural practices to frequent use of organic and microbial biofertilizers.
- ✓ To reclamate and improve the fertility of the soil and crop productivity.

### **The Context**

Vegetative parameters of cultivated crops were observed healthy with minimal pests attack. Planted crops started yielding. Harvesting was done thrice.

### **The Practice**

Beneficial microorganisms such as *Rhizobium sp.*, was isolated from the root nodules of legumes; *Azotobacter sp.*, and phoshosphobacteria were isolated from the soil respectively. They were mass prodced, mixed in right proportions and then injected into carrier material (peat) to prepare biofertilizer consortium. Similary, vermicompost harvesred from college canteen wastes also added as a root study.



### Crops tested

1. **Tomato**
2. **Brinjal**
3. **Chilli**
4. **Spinach**

### Evidence of Success

Since two years, the field has been in our lab to land practice, the fertility of the field (soil) was observed very good and become highly productive. Soil fertility, water porosity, nature, color and aeration of the field were observed very good.

### Photo:



**Field site in Alamba Charitable trust**



**Planting vegetable saplings**





**Harvest**



**Coordinator, Environment Club**





**WEBINAR ON  
“BIODIVERSITY ASSESSMENT AND CONSERVATION STRATEGIES FOR MAJOR  
LAKES OF BENGALURU”**

**INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY**

**Date :** 22/05/2020

**Time :** 11:30 am- 1:30 pm

**Name of the Resource Person:** Dr. N Nandini,  
Professor and Chairperson,  
Department of Environmental Science,  
Bangalore University, Bangalore.

**Platform** : ZOOM

**Beneficiaries** : Students and Teachers from colleges in India

**Brief write up of the Programme:**

Prof. Nandini enlightened on how Bangalore, once known as Garden City has changed over the years and stressed on the necessity to have sustainable development. She explained about how lakes play a major role in our lives and that we have a moral responsibility to protect and preserve them. She showed the photographs of different lakes in Bangalore and explained how they have changed due to human encroachment. When we pollute nature it comes back to us. She took a case study of Vrishabhavathi river and Bellandur lake and explained how pollution has drastically changed the water quality. Water pollution in turn affect fishes and causes water borne diseases as we consume them. Heavy metal accumulation has been witnessed near construction areas and there has been cases of cross contamination of sewage leading to diseases in lake view apartments where lake encroachment has been done.

India is one of the 12 mega biodiversity of world. Dr. Nandini elaborated on how her group has made an eco-friendly herbal hand sanitizer using native plants like turmeric and Neem. It is important to grow native trees like Pongamia Pinnata (Pongam), Tamarindus Indica (Tamarind), Azadirachta indica (Neem Tree) and Heritage trees like Banyan tree, Coconut Trees, Jack Fruit Trees, Rain Trees, Peepal Trees. There are many number of Aquatic species which could purify heavy metals in water. Growing Typha plant around water bodies help in bioremediation. There



many varieties of bacteria which aid in Bioremediation and Phyto remediation. Phyto plankton *Chlorella Vulgaris* and Zoo plankton-Benthos have a great role to play. Insects have a major role in maintaining the ecosystem. Odonates, Butterflies, Fishes, Frogs, Reptiles and Birds are part of biodiversity and have specific roles to play in the balance of ecosystem. The plant Dark Blue Tiger has been found to attract Butterflies.

Dr. Nandini concluded the session by saying that if biodiversity is conserved automatically, water bodies will be purified. If we protect Nature, it will protect you back.

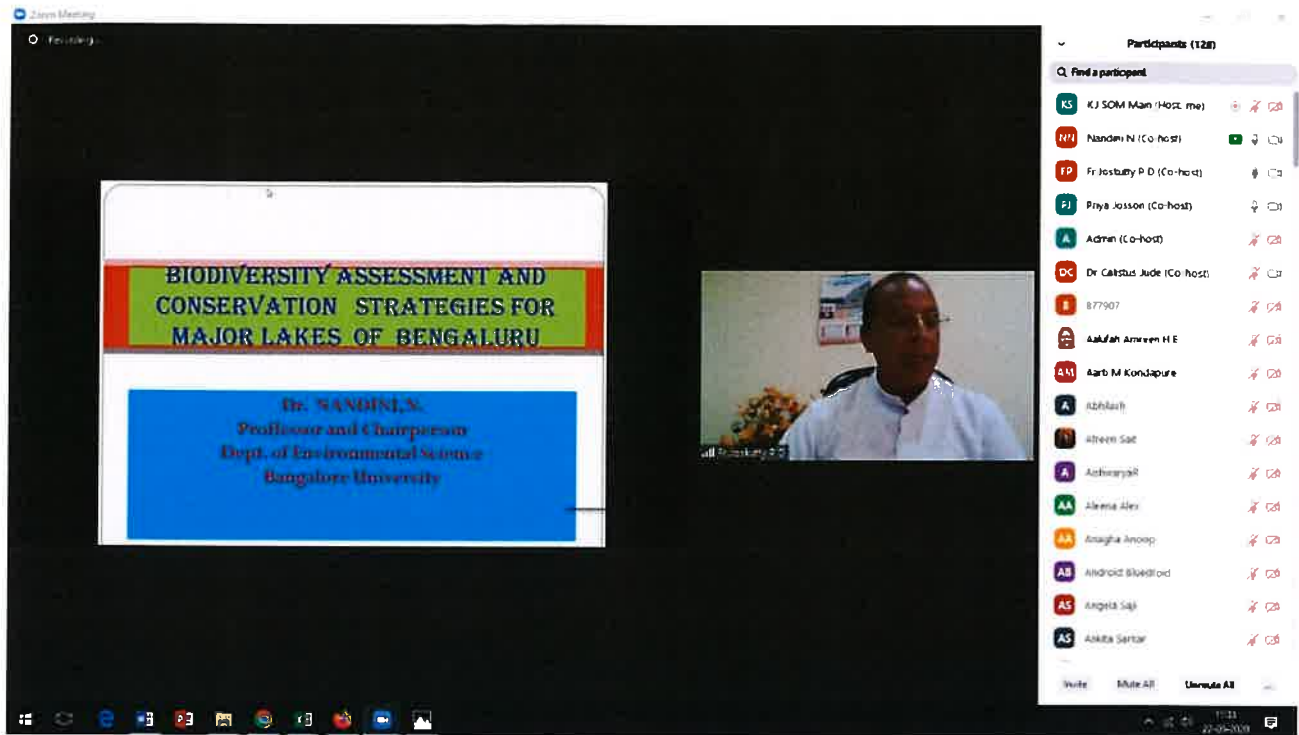
**Web URL:**

<http://kristujayanti.edu.in/events/events.php?mode=openlink&year=2020&month=may&url=Biological-Diversity.php>

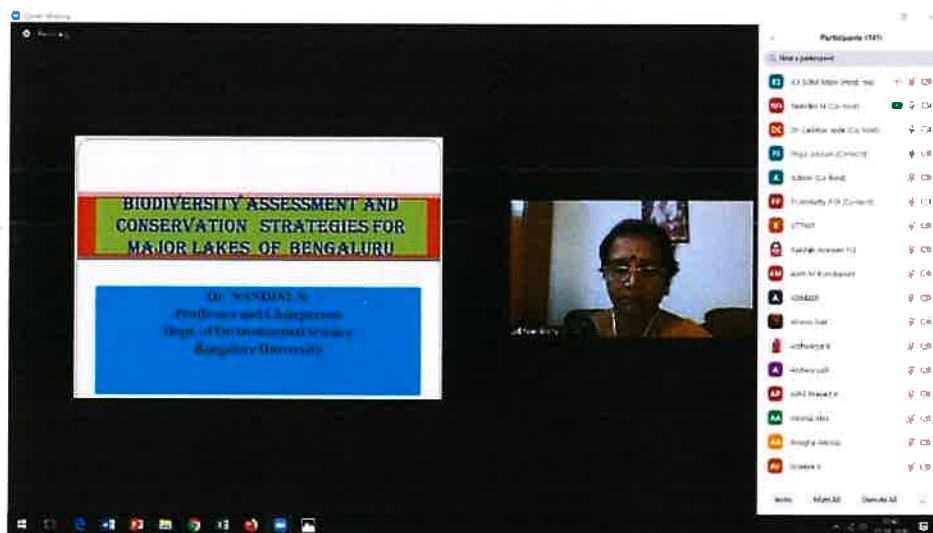
**Photo**



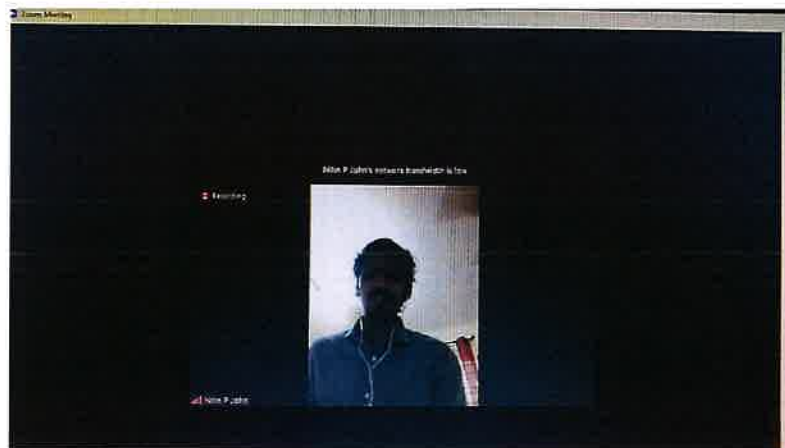
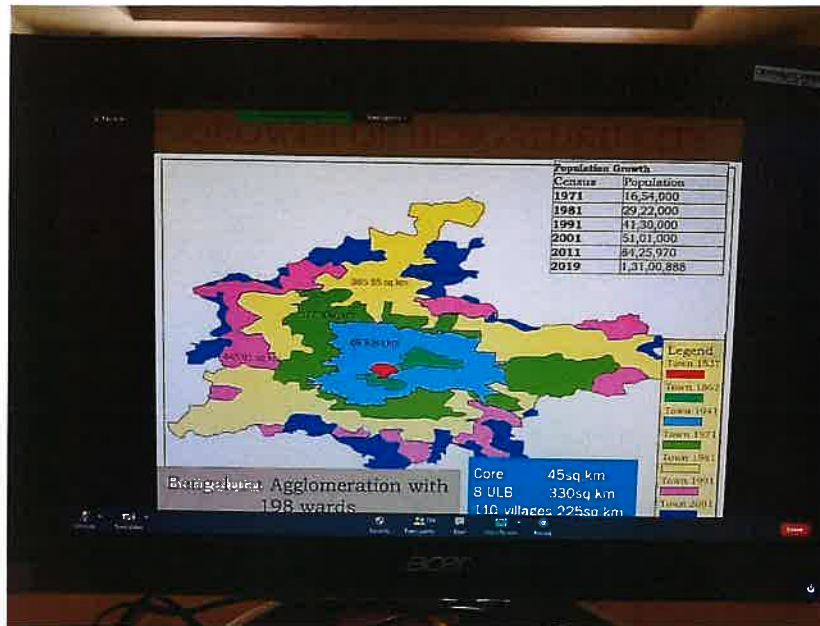
**Webinar Flyer**



Principal delivering the inaugural note



Dr. Nandini delivering the session



**Student Coordinator- Nitin P John delivering the vote of thanks**

**Coordinator, Environment Club**





**WEBINAR ON**  
**“WASTE VALORIZATION: A NEW PARADIGM FOR SUSTAINABLE ENVIRONMENT”**

**WORLD ENVIRONMENT DAY, JUNE 05, 2020**

**Date :** 05/06/2020

**Time:** 02:00 pm- 03:00 pm

**Name of the Resource Person:** Dr. Jastin Samuel R,

Asst. Professor,

Lovely Professional University,

Jalandhar, Punjab,

**Platform** : ZOOM

**Beneficiaries** : Students and Teachers from colleges in India

**Brief write up of the Programme:**

Dr. Jastin Samuel R explained on various methods of solid management in to useful, what all the different sources of solid and wet waste also mentioned very clearly. He elaborated what are the possible projects we can plan for UG and PG students, the role of government to set this solid waste and funding's from govt. body also mentioned in his talk. Sir was elaborated research ideas to develop new technology to overcome this solid waste management, plastic free environment creation, minimization of plastic use and minimization of wet and solid waste generation which are hazards to the environment interns to the human beings. Dr. Jastin Samuel concluded the session by saying that if solid and wet waste manages with new technology and also if we minimize the solid and liquid waste generation and also plastics, so it will be safe to environment and for future climate change



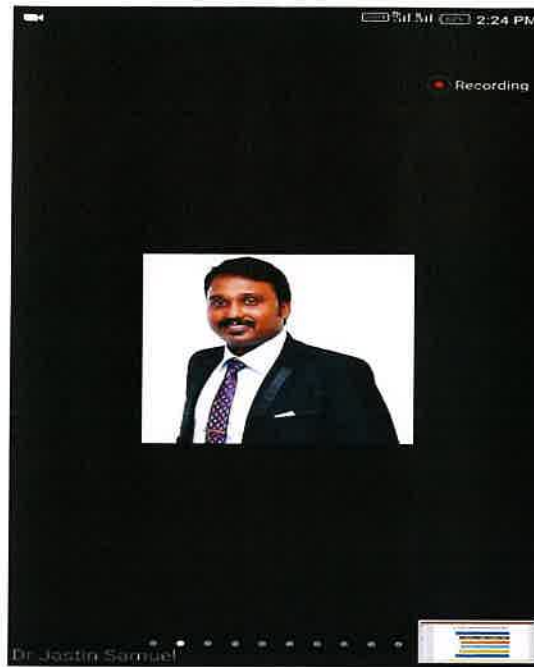
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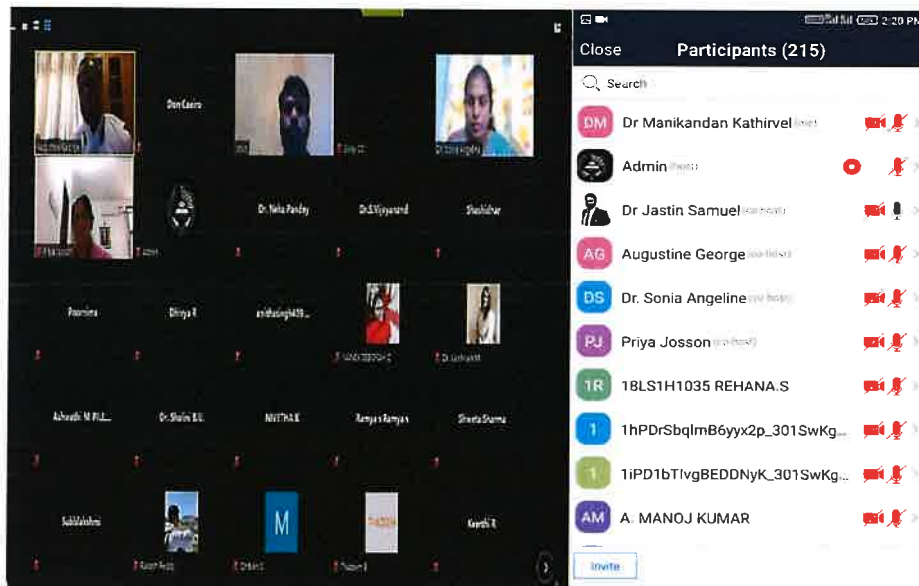
Webinar Flyer



Vice Principal delivering the inaugural note



**Dr. Jastin Samuel delivering the talk**



**Participants**

**Reports prepared by: Dr. Sangeetha Menon**

**Coordinator, Environment Club**



**ANNEXURE 2: REPORTS OF BEYOND THE CAMPUS ENVIRONMENTAL ACTIVITIES FOR THE YEAR 2019-20**

<b>Date</b>	<b>Name of the activity</b>	<b>Organising Unit</b>	<b>Theme</b>
15/06/2019	Awareness Environment Protection, Planting of saplings	Centre for Social Activities	World Environment Day
15/08/2019	Instill patriotic feelings	Centre for Social Activities	Independence Day
24/08/2019	Vanmahotsav 2019	Centre for Social Activities	Tree Plantation
10-02-2019	Awareness about cleanliness	Centre for Social Activities	Swachh Bharat Abhiyan- 2019
30/11/2019	Awareness about cleanliness	Centre for Social Activities	Swachh Bharat Awareness Programme
16/12/2019 to 19/12/2019	Explore the world of the rural environment	Centre for Social Activities	Rural Exposure Camp 2019-20
September 2019- January 2020	Vikas Kendra	Centre for Social Activities	Skill Enhancement Training
December 2019- February 2020	Provision of basic education	Centre for Social Activities	Community Education Programme
03-06-2020	Distribution of educational materials	Centre for Social Activities	Bhavishyajyothi (2019-20)
March - June 2020	Help the needy people	Centre for Social Activities	COVID 19 Relief work
15/06/2019	Planting of Saplings	Environment Club	Environment Day
25/01/2020	Awareness On Conservation Of Water And Energy	Environment Club	Environment pollution





Date	Name of the activity	Organising Unit	Theme
03-07-2020	Educate the farmers	Environment Club	Extension Programme To Village
January – March 2020	Sustainable agricultural practices	Environment Club	Technology transfer from lab to field
22/05/2020	Webinar on “Biodiversity assessment and conservation strategies for major lakes of Bengaluru”	Environment Club	International Day for Biological Diversity
06-05-2020	Webinar on “Waste Valorization: A new paradigm for sustainable environment”	Environment Club	World Environment Day
15/06/2019	Tree Plantation Drive	NCC	International world Environmental day
21/06/2019	Wellness through Yoga	NCC	International Yoga Day
12-07-2019	Awareness about cleanliness	NCC	Swachhata Pakhwada
15/06/2019	Tree Plantation	NSS	Environment Day Celebration
26/06/2019	Anti-narcotics rally	NSS	Health for Justice and Justice for Health
17/08/2019	Campaign on creating Awareness about Dengue	NSS	Measures to prevent Dengue
17/08/2019	Repairing Potholes	NSS	Environment Protection
24/08/2019	Creating Litter free campus, Environment & Repairing Potholes	NSS	Environment Protection
14/09/2019	Rural Community Development & Field Practice	NSS	Community Development



Date	Name of the activity	Organising Unit	Theme
10-02-2019	Visit to old age home	NSS	Meeting the societal needs
10-02-2019	Awareness session on Waste Disposal	NSS	Waste Management
10-02-2019	Visit to NGO	NSS	Meeting societal needs
10-04-2019	Plastic free Life Campaign	NSS	Cleanliness drive
10-09-2019	Campaign on Promoting the usage of Jute bags for waste disposal	NSS	Waste Management
12-07-2019	Cleanliness and waste disposal Drive	NSS	Waste Management
18/01/2020	E-Banking Awareness campaign	NSS	Awareness drive
24/01/2020.	Assessment and Training on Nutrition for Adolescent Girls	NSS	Health and Hygiene
27/01/2020	Organic farming plan and hygiene development plan	NSS	Awareness drive
29/01/2020	A survey related to Health and Hygiene	NSS	Health and Hygiene
02-03-2020	Plastic Waste Management	NSS	Waste Management
17/02/2020	Swachh Bharat No-Plastic Awareness	NSS	Awareness drive
14/08/2019 to 14/03/2020	One Student – One Tree	Department Of Computer Science [PG]	Environmental Awareness
10-02-2019	Plastic Waste Free Home	Department Of Computer Science [PG]	Environmental Awareness



## VANMAHOTSAV 2019

Date: 24/08/2019

### Objective:

- To provide social groups and individuals with an opportunity to be actively involved at all levels in environmental decision making.
- To develop a sense of responsibility and solidarity among students and social group.
- To succeed in making individuals and communities understand the complex nature of the natural and the built environments.

### Brief Write up on the Programme:

#### “VRIKSHO RAKSHATHI RAKSHITHAHA!”

“If you protect the plants, plants will protect you. Honouring this notion, the Centre for Social Activities of Kristu Jayanti College organised “Van-Mahotsav” on 24/8/2019 at K. Narayanapura. The event is organized to create awareness among students towards the importance of planting trees. Afforestation is one of the best ways to prevent global warming.

The event started at 1: 30 pm, when all the volunteers and faculty members, along with the student coordinator assembled with all the necessary equipment and saplings. The students were then divided into groups of five students each, to carry on with the task. The student volunteers participated in planting over 65 saplings. Volunteers joined their hands, under the able guidance of Prof. Manjunath S Gowda, CSA coordinator, along with other CSA faculty members Prof. Ajith P Mathews, Prof. Jawahar.

We truly had a great experience during this event and all of us are really thankful from the bottom of our hearts to CSA and our college for providing us the opportunity and for letting us be the part of such an amazing event. -Aditya, III BBA B, CSA Volunteer. It was really an amazing time for everyone part of the event. We were actually helping life grow on the planet, contributing our share to the environment that was keeping us alive. This thought gave all of us a sense of belonging to nature. The more satisfying thing was, we watered the plants using recycled water. This taught us the importance of not only plants, but also all the natural resources on our planet.

- Rekha S, I BCom A, CSA Volunteer.



[URL:https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2019&month=august&url=VAN-MAHOTSAV.php](https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2019&month=august&url=VAN-MAHOTSAV.php)

**Photo**







**VANMAHOTSAV 2019 24/08/2019**



Report prepared by: Prof. Ajith P Mathew      Report verified by: Prof. Manjunath



## SWACHH BHARAT ABHIYAN- 2019

**Date:** 02/10/2019

### **Objective:**

- To create awareness about cleanliness and motivate them to practices regularly.
- To promote environmental protection and effective use of resources.
- To promote and maintain health and sanitation practices among the students.

### **Brief Write up on the Programme:**

**“A clean India would be the best tribute India could pay to Mahatma Gandhi on his 150<sup>th</sup> Birth anniversary in 2019”**

**- Prime Minister Shri Narendra Modi**

To mark 150<sup>th</sup> Birthday of Mahatma Gandhi on 2<sup>nd</sup> October 2019, the Center for Social Activity of Kristu Jayanti College in association with BBMP, Horamavu ward organized a cleanliness drive. The program was scheduled between 8:30 am to 11 am. The 130 student and 12 CSA staff coordinators rendered their service in three different venues, a government school, and government hospital and also to the BBMP office. The volunteers enthusiastically extended their service while they walked by cleaning the way to their destination.

It is indeed a great tribute to the father of our nation. Volunteer’s selfless and dedicated service was well appreciated by the residents of the place and encouraged them for their contribution to keep the area clean. They didn’t show even a slight hesitation to pick any trash from the road.

Keeping our society clean shouldn’t be a single person’s or a single day’s job. Let’s pledge to keep our society clean and make the world a better place.



### Feedback:

Swachh Bharat Abhiyan- 2019 has proven to be one of the most committed social activities of this year's CSA programmes. It enlightens us about the need for social service.

Chaithra A  
19CO1K3400  
BCOM ( C )

Teamwork makes everything possible. The joint venture of all the CSA volunteers to make the immediate surroundings of K Narayanapura clean and neat and thus creating an awareness among the people the need for cleanliness was successful.

Madhavi. M  
18CS1H2086  
BCA B

### URL:

<https://kristujayanti.edu.in/highlights/2019/Kristu-jayanti-college-Swachh-Bharat-Abhiyan.jpg>

### Photo





Report prepared by: Ms. Kavitha

Report verified by: Prof. Manjunath S

Date: 11/10/2019





## SWACHH BHARAT AWARENESS PROGRAMME

**Date: 30/11/2019**

### **Objective:**

- To inspire the children in creating a Garbage free, plastic free and healthy India
- To educate the children about the importance of cleanliness and sanitation through storytelling and various activities.
- To build a litter free campus as well as surroundings.

### **Brief Write up on the Programme:**

Centre for Social Activities of Kristu Jayanti College in association with **Good Quest Foundation**, Bangalore had organised **NAMMA VISION 150** as a Swachh Bharat Awareness programme on 30<sup>th</sup> November 28, 2019 at 25 government schools. The aim of the programme is to provide cleanliness awareness to the students of government schools. The Good Quest Foundation organizes this programme in 150 government schools through the volunteers of various colleges. Centre for Social Activities has accepted visits to 25 government schools in and around college for the conduction of the programme. Vision 150 is organized with the support of the Dept of Public Instruction, Govt of Karnataka. More than 100 CSA volunteers from the college participated in the event on the same day, in different government nearby schools. The CSA volunteers educated the children about the need and importance of personal hygiene and cleanliness through storytelling, poster making, doing action songs, conducting quizzes on hygiene and sanitation, and finally by engaging themselves in cleaning the school premises with the children.

<http://kristujayanti.edu.in/studentlife/pdf/activities-2018-19.pdf>

### **Feedback**

The greatest exposure I can receive as a CSA volunteer is to be a part of the Namma Vision 150 Campaign. It provided us an opportunity to take at least a small step to make Gandhiji's dream of a Clean India into reality.

SHREE TEJA  
17HU1A1021  
VI BA HEP

Feeling immensely proud and privileged to be a part of a small initiative towards a huge vision. Even after the college days I can carry it forward for a safe and clean India.

VINOD R  
B.COM D  
18CO1H7458



## Swachh Bharat Awareness Programme

30/11/2019



Report prepared by: Prof. Nagarjun

Report verified by: Prof. Manjunath S

Date: 02/12/2019



## **RURAL EXPOSURE CAMP –2019-20**

**Date:** 16/12/2019- 19/12/2019

**Location:** Yellodu, Gudibande Taluk, Chikkaballapur District

**Number of Volunteers:** 79

**Theme:** Sustainable Development

### **Objective**

- To execute and spread United Nation Sustainable Development Goal 1 among Students
- To help the students to explore the world of the rural environment.
- To develop the students Interpersonal Skills.
- To inculcate the social service behavior towards the rural society.

### **Day 1 (19/12/2019)**

Centre for Social Activities conducted a rural exposure camp from 16/12/2019 to 19/12/2019 in Yellodu, Gudibande Taluk, Chikkaballapur District with a focus on the theme of Sustainable Development. A team of CSA volunteers accompanied faculty coordinators executed all the activities planned effectively. The camp started with Life Skill Training for the high school students of Yellodu Government School. 60 high school students benefited from the training. The camp was inaugurated by Sri. R.T Venugopala Reddy, Headmaster Yellodu Government High School. The inauguration function was attended by local panchayath leaders and faculty members of Kristu Jayanti College. The inauguration was followed by a Rally on Cleanliness Awareness programme and a socio-economic survey of the village was conducted by the CSA volunteers. Volunteers visited more than 70 houses for data collection which equipped the volunteers about the various aspects of data collection and analysis. The first day came to an end with a review session about the programmes of the first day.

### **Day 2 (17/12/2019)**

The second day of the camp began with a morning walk with the intention of starting the day with a healthy activity. After the morning walk CSA volunteers engaged in shramdan in the premises where they were residing. This was followed by the volunteers providing life skills training to secondary school students. Around midday, the literary competitions were conducted for the primary and secondary school students, which involved competitions such as pick and speak, pictionary, and



quizzes. A total of 50 students participated in these competitions. In the evening, sports competitions were held wherein several students from the school actively participated in various sports competitions such as kabbadi, running race, frog jump, three leg races, volleyball, and throw ball. By evening, Prof. Muniraju, Faculty Self-employment Training Center, Canara Bank, Chikkaballapura addressed the gathering and explained about the self-employment opportunities. The review session of the night allowed students to express their experience of organising the various competitions.

### **Day 3 (18/12/2019)**

The third day started with trekking to Sri Adhi Narayana Swamy Temple and after trekking the volunteers undertook the shramdaan for extending their service for the betterment of society/village. This involved students walking to a nearby village and cleaning it by weeding out the plastics. This was followed by the completion of some of the remaining sports competitions for the school students. An awareness programme on Safe and Unsafe Touch was organized in the High school by the CSA volunteers. For the villagers a Dental camp was conducted with the help of Krishnadevaraya Dental College. Sri Hanumantharayappa, Thashildar, Gudi Bande Talik Chikkaballapura District visited the primary school and addressed all the CSA volunteers. By evening Dr. Naveen Kumar, Head, Department of Agricultural Chemistry, UAS Bangalore, interacted with the farmers of Yellodu and provided information regarding soil testing and water testing. After the programme CSA volunteers entertained the people of the village with cultural activities. Prize distribution ceremony was held and the winners and runners up of the various competitions that had been previously held were awarded. There was a campfire in the evening during which the CSA volunteers gathered and discussed the events of the day and the things they learned.

### **Day 4 (19/12/2019)**

The last day of the camp started with exercise for CSA volunteers. This was followed by a feedback session where the volunteers expressed their joy and satisfaction for being given the opportunity of being part of the rural camp that broadened their horizons and enlighten them about the life in rural areas. Many stated that they would never take what they were being provided by their parents for granted. Last day also students are engaged themselves in the Shramadhan. Valedictory function was held in Govt. High school. Sri R T Venyogopala Reddy, HeadMaster Government High School and other teachers of the school were present. The students returned back to college by 3 PM.

The highly productive rural camp successfully completed and fulfilled its theme of sustainable development. The volunteers got ample opportunity to understand the real life struggles of economically disempowered people living in rural areas and helped to inculcate and bring to light





some of the skills that the local people possessed that could help them raise their living standards and lift them out of poverty which was one of the main purposes of the rural camp to begin with.

<http://kristujayanti.edu.in/studentlife/rural-camp.php>

## Photos





Rural Exposure Camp 17/12/2019



Rural Exposure Camp 18/12/2019





Rural Exposure Camp 18/12/2019









# ಎಲ್ಲೋಡಿನಲ್ಲಿ ಸ್ವಚ್ಛತೆ ಕುರಿತು ಜಾಗೃತಿ ಜಾಘಾ

• ವಿಶ್ವ ಸ್ವಚ್ಛತೆ ದಿನದ ಸಂದರ್ಭದಲ್ಲಿ

ವಿದ್ಯಾರ್ಥಿಗಳು ಹಿರಿಯರಿಗೆ ಹಾಗೂ ಎಲ್ಲ ಕುಟುಂಬ ಸದಸ್ಯರಿಗೆ ಸಾಕಷ್ಟು ಜ್ಞಾನವನ್ನು ಹಂಚಿಕೊಳ್ಳುವ ಉದ್ದೇಶದಿಂದ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಹಾಯದೊಡನೆ

ಎಲ್ಲೋಡು ಅರಣ್ಯದೊಳಗೆ ಸ್ವಾಮಿ ದೇವರಾಯ ಶಿವರಾಯ ಬೆಂಗಳೂರಿನ ಕೆ.ನಾರಾಯಣಪುರದ ಕ್ರಿಸ್ತ ಜಯಂತಿ ಕಾಲೇಜಿನ ಸಾಮಾಜಿಕ ಚಟುವಟಿಕೆಗಳ ಕೋಶದ ವತಿಯಿಂದ ಕಾಲ್ಪು ದಿನಗಳ ಗ್ರಾಮೀಣ ತಿಬರ ಉದ್ಘಾಟನೆ ಅವರು ಮಾಡಿದರು.

ಇತ್ತೀಚೆಗೆ ವಿದ್ಯಾರ್ಥಿಗಳು ಗುರು ಹಿರಿಯರನ್ನು ಗೌರವಿಸುವುದನ್ನು ಮರೆಯುತ್ತಿದ್ದಾರೆ. ಗುರು ಹಿರಿಯರನ್ನು ಗೌರವಿಸುವುದರಿಂದ ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಉತ್ತಮ ಜೀವನ ನಡೆಸಬಹುದು. ವಿದ್ಯಾರ್ಥಿಗಳಾದ ಕಾವ್ಯ ಪ್ರತಿ ನಿಮಿಷವೂ ಸಾಧನೆ ಮಾಡುವಂತೆ ಚಿಂತನೆ ಮಾಡುತ್ತಿರಬೇಕು. ಈ ಮಾತು ಸಮಾಜದಲ್ಲಿ ಉನ್ನತ ಸ್ಥಾನದಲ್ಲಿ ಮುಖ್ಯವಾಗಿ ದೇಶದ ಅಭಿವೃದ್ಧಿ ಯುಜಿಸಬೇಕೆಂದು ಕೈಯೆತ್ತಿ



ಬೆಂಗಳೂರಿನ ಕೆ.ನಾರಾಯಣಪುರದ ಕ್ರಿಸ್ತ ಜಯಂತಿ ಕಾಲೇಜಿನ ಸಾಮಾಜಿಕ ಚಟುವಟಿಕೆಗಳ ಕೋಶದ ವಿದ್ಯಾರ್ಥಿಗಳು ಗ್ರಾಮೀಣ ತಿಬರದ ಅಂಗವಾಗಿ ಎಲ್ಲೋಡು ಗ್ರಾಮದಲ್ಲಿ ಸ್ವಚ್ಛತೆ ಕುರಿತು ಜಾಗೃತಿ ಜಾಘಾ ನಡೆಸಿದರು.

ಯಾವುದೇ ದುರಸ್ತಿಗಳಿಗೆ ಬಲಿಯಾಗದೇ ದೇಶವನ್ನು ಅಭಿವೃದ್ಧಿಯತ್ತ ಕೊಂಡೊಯ್ಯಬೇಕು ಎಂದರು.

ಬೆಂಗಳೂರಿನ ಕೆ.ನಾರಾಯಣಪುರದ ಕ್ರಿಸ್ತ ಜಯಂತಿ ಕಾಲೇಜಿನ ಶಿಬಿರಾಧಿಕಾರಿ ಪ್ರೊ.ಎನ್.ಚಂದ್ರಶೇಖರ್ ಮಾತನಾಡಿ, ವಿದ್ಯಾರ್ಥಿಗಳು ತಮ್ಮ ಜೀವನದಲ್ಲಿ ಸೇವಾ ಮನೋಭಾವ ಅಳವಡಿಸಿಕೊಂಡು ಬದುಕು ನಡೆಸಿದರೆ ಉತ್ತಮ ಸಮಾಜ ನಿರ್ಮಾಣ ಸಾಧ್ಯ. ಗ್ರಾಮೀಣ ತಿಬರದಲ್ಲಿ ಪಾಲ್ಗೊಂಡ ನೀವು ಕೇವಲ ಸೇವೆ ಮಾಡಿದರೆ ಸಾಲದು, ಈ ಯೋಜನೆಯ ಮೂಲ ಉದ್ದೇಶವಾದ ಶಿಷ್ಟ, ಸಹನೆ, ಕಷ್ಟ ಸಹಿಷ್ಣುತ್ವ ಸಂಯಮಗಳನ್ನು

ಜೀವನದ ಕೊನೆಯವರೆಗೂ ಅಳವಡಿಸಿಕೊಳ್ಳಬೇಕು ಎಂದರು.

ತಿಬರದ ಅಂಗವಾಗಿ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡ ಮನೆ ಮನೆಗೆ ಭೇಟಿ ನೀಡಿ, ಸಮೀಕ್ಷೆ ನಡೆಸಿದರು. ಜತೆಗೆ ಸ್ವಚ್ಛತೆ ಕುರಿತು ಜಾಗೃತಿ ಜಾಘಾ ನಡೆಸಿದರು. ಎಲ್ಲೋಡು ಗ್ರಾಮ ಅಧ್ಯಕ್ಷ ಪ್ರವಾಸನಂದರಪ್ಪ ಪಿಡಿಒ ಘಟಕದ, ಬೆಂಗಳೂರಿನ ಕೆ.ನಾರಾಯಣಪುರದ ಕ್ರಿಸ್ತ ಜಯಂತಿ ಕಾಲೇಜಿನ ಪ್ರೊ. ಅಕ್ಷಿತ, ಪ್ರೊ. ಮಂಜುನಾಥ, ಜವಹಾರ್, ನಾಗಾಜುರ್ಜನ್, ಕಂದಾಯ ಇಲಾಖೆ ಸಿಬ್ಬಂದಿ ಮುನಿರಾಜು, ವಿಜಯ ಮಹೇಶ್ವರ್ ಹಾಜರಿದ್ದರು.

Vijaya Karnataka, December 18 (2019)

CSA Coordinator



## CENTRE FOR SOCIAL ACTIVITIES

### VIKAS KENDRA- SKILL ENHANCEMENT TRAINING

**Date:** September 2019- January 2020

**Number of beneficiaries:** Students in Sri Sidhartha Srinivasa Higher Primary School, Government Higher Primary School Narayanapura

**Objective:**

- To extend the resources of CSA to the society
- To identify the educational needs of the nearby schools
- To provide educational facilities for the holistic development of children in nearby schools

**Brief write up of the Programme:**

Vikas Kendra, an initiative of Centre for Social Activities under Jayantian Extension Service intends to impart skill enhancement training to the needy students in select schools near the vicinity of Kristu Jayanti College. Setting apart the traditional classroom methodology Vikas Kendra focuses on experiential learning, skill development, value education and creativeness of students through innovative learning strategies.

The programme was framed for one semester. Due to demand from schools we continued the programme in the next semester also. The select schools for this programme were Sri Sidhartha Srinivasa Higher Primary School, Government Higher Primary School Narayanapura. The classes were taken from Monday to Friday. The schedule for the classes was from 2.00- 3.30pm. Spoken English, Computer literacy, Basic Mathematics, Science, Science Modelling, Technical Education, Cultural Activities, Sports, Art and Craft were given importance in Vikas Kendra.

35volunteers have been selected for the Vikas Kendra programme after screening tests. The selected volunteers have undergone an orientation and various training sessions. Without disturbing the regular college hours, volunteers visited the assigned schools and engaged classes.

The impact of the programme is visible from the request from schools to continue the programme in the coming semesters also.

**Feedback:**

Vikas Kendra helped me to identify my skill in teaching and it provides me an opportunity to interact with school children. It helped me a lot to understand the challenges of the teaching profession.

MANJUNATH RAMAMURTHY

17CO1K1064,B.COM (A)

The exposure received through Vikas Kendra was immense. It provided an insight into the various aspects of the teaching profession. It definitely helped to enhance my teaching talent.

HARSHITHA.D.R, 18CS2K4232, BCA



## Vikas Kendra











ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧಿಕಾರ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ

## ಸರ್ಕಾರಿ ಹಿರಿಯ ಕನ್ನಡ ಪ್ರಾಥಮಿಕ ಶಾಲೆ

ಬೆಂಗಳೂರು, ಬೆಂಗಳೂರು ದ್ವೀಪ ವಲಯ - 4  
ಬೆಂಗಳೂರು ಪ್ರಾಥಮಿಕ ಶಾಲೆ, ಬೆಂಗಳೂರು - 77.

ಸಂ. 5600/77

ದಿನಂ. 12/12/17

ಶಿವನಗ ಮಧ್ಯ ಪ್ರಾಥಮಿಕ ಶಾಲೆ,  
ಶಿವನಗ ಬೆಂಗಳೂರು ಕರ್ನಾಟಕ,  
ಕೆ. ನಾಶನುಬಿಳಿ,  
ಬೆಂಗಳೂರು ಪೊಸ 560077

ಮೆಚ್ಚುಗೆ,

ವಿಷಯ: ಶಾಲೆಗೆ ಅಗತ್ಯವಿರುವ ಸೌಕರ್ಯಗಳನ್ನು ಸೇರಿಸುವ ಬಗ್ಗೆ:-

ಈ ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ನಮ್ಮ ಶಾಲೆಗೆ ಅಗತ್ಯವಾಗಿ  
ಬೇಕಾದ ರೂ. ಕೆಳಕಂಡ ಸೌಕರ್ಯಗಳನ್ನು ಸೇರಿಸಬೇಕೆಂದು ಈ ಮೇಲೆ (ಪ್ರಾರ್ಥನೆ).


1. ಗಂಡು ಹೆಣ್ಣು ಮಕ್ಕಳಿಗೆ ಪ್ರತ್ಯೇಕವಾಗಿ Track SuitA - 50-50
2. 1ನೇ ತರಗತಿ ಇಂಗ್ಲಿಷ್ ಮತ್ತು ಮಕ್ಕಳಿಗೆ 30 ಬುಕ್ ಸಮವಸ್ತ್ರ.
3. 100ದ7ನೇ ತರಗತಿ ಮಕ್ಕಳಿಗೆ 30 ಬುಕ್ ಸಮವಸ್ತ್ರ = 350.
4. ನಾಣ್ಯಕರ ಸರ್ವತೋಮುಖ ತರಬೇತಿ.
5. ಸರಿಯಾದ ಕರಕುಶಲ ಸಾಮಗ್ರಿಗಳು ಮತ್ತು ಆರೋಗ್ಯ ವ್ಯಕ್ತಿಗಳು.
6. Spoken English and Basic Computer Training.
7. ಆಡು ಕರಕುಶಲ [ Sports and Games ]
8. Science model preparation Training. ಇತ್ಯಾದಿ.

ವಂದನೆಗಳೊಂದಿಗೆ,

ಶಿವನಗ ಮಧ್ಯ ಪ್ರಾಥಮಿಕ ಶಾಲೆ,  
ಕೆ. ನಾಶನುಬಿಳಿ,  
ಬೆಂಗಳೂರು ಪೊಸ 560077.



ಶ್ರೀ ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ ಪ್ರಾಧಿಕಾರಿಗಳು



ಶ್ರೀ ಸಿದ್ಧಾರ್ಥ ವಿಶ್ವವಿದ್ಯಾಲಯ (ವಿ.), ಸಿದ್ಧಾರ್ಥನಗರ, ಕುಮಟೂರು ತಾಲ್ಲೂಕು, ಚಿಕ್ಕಮಗಳೂರು ಜಿಲ್ಲೆ

**ಶ್ರೀ ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ ಪ್ರಾಧಿಕಾರಿಗಳು ಮತ್ತು ಪ್ರಾಧಿಕಾರಿಗಳು**

ಕುಮಟೂರು, ಲಿಂಗನೂರು-೨೬೦ ೦೭೭

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ಕ್ರ.ಸಂಖ್ಯೆ : ಶಿ.ಸಂ.ಆ. / ೨೦೧೯-೨೦೨೦ / ೨೦೧೯ / ೨೦೧೯

ದಿನಾಂಕ : 16-08-2019

**ಶಿಕ್ಷಣ**

**ಶಿಕ್ಷಣಾಧಿಕಾರಿಗಳು**

ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಕುಮಟೂರು

ಶ್ರೀ ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ, ಕುಮಟೂರು - ೨೭

**ಪ್ರಾಧಿಕಾರಿಗಳು**

ಪ್ರಾಧಿಕಾರಿಗಳು - ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ ಕುಮಟೂರು ಜಿಲ್ಲೆ.

ಈ ಸಂದರ್ಭದಲ್ಲಿ ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ, ಕುಮಟೂರು ಜಿಲ್ಲೆ, ೧೬-೦೮-೨೦೧೯

ತರಗತಿಗಾಗಿ 106 ಅಧ್ಯಾಪಕರುಗಳು, ಶಿಕ್ಷಕರು ಹಾಗೂ ಇತರರೊಂದಿಗೆ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ರಜೆ ತೆಗೆದುಕೊಂಡು, ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ, ಕುಮಟೂರು ಜಿಲ್ಲೆಗೆ ಭೇಟಿ ನೀಡುವಂತೆ ಕೋರಲಾಗಿದೆ.

ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ, ಕುಮಟೂರು ಜಿಲ್ಲೆ, ೧೬-೦೮-೨೦೧೯

೨೦:೩೦ ರವರೆಗೆ ಅಧ್ಯಯನದ ಈ ಸಂದರ್ಭದಲ್ಲಿ ತಮ್ಮ ಗುಣವನ್ನು ತೋರಿಸುವಂತೆ ಕೋರಲಾಗಿದೆ.

ಪ್ರಾಧಿಕಾರಿಗಳು ಮತ್ತು ಇತರರೊಂದಿಗೆ ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ, ಕುಮಟೂರು ಜಿಲ್ಲೆಗೆ ಭೇಟಿ ನೀಡುವಂತೆ ಕೋರಲಾಗಿದೆ.

ಪ್ರಾಧಿಕಾರಿಗಳು

ಶಿಕ್ಷಣ ಇಲಾಖೆ, ಕುಮಟೂರು ಜಿಲ್ಲೆ.

ಶ್ರೀ ಸಿದ್ಧಾರ್ಥ ಸನಿವಾಸ ಒಲಿಯ, ಕುಮಟೂರು ಜಿಲ್ಲೆ.

ಕುಮಟೂರು, ಲಿಂಗನೂರು - ೨೬೦ ೦೭೭

P.No - 9206020270

Report Prepared by  
Prof. Minu A

Report Verified by:  
Prof. Manjunath S



## COMMUNITY EDUCATION PROGRAMME

**Date:** December 2019- February 2020

**Number of beneficiaries:** Children in the neighbouring migrant workers community in Kothanur.

**Objective:**

- To eradicate illiteracy from the underprivileged sections to an extent.
- To enlighten the common people through education.
- To make use of the resources for the optimum benefit of society.

**Brief write up of the Programme:**

Kristu Jayanti College (INDIA) a member institution of the United Nations Academic Impact (UNAI) that has been chosen as the SDG Hub for Sustainable Development Goal 1: End poverty in all its forms everywhere has come up with another venture to enlighten the community through education. Centre for Social Activities of Kristu Jayanti College has started an evening study centre as part of the new initiative of CSA named Community Education Programme. With the aim to eradicate illiteracy among the migrant floating construction workers in Kothanur and empowering them to secure a better place in society, CSA volunteers after their regular working college hours provides supplementary education to children from grade 1-8 in two clusters.

The volunteers through a survey conducted among the community of migrant floating construction workers have identified the needy children and formed two clusters for providing them basic education. Most of the parents are illiterate and incapable of helping the children in their studies that affects the children's performance in school and let down their self esteem which eventually leads to discontinuation of studies.

The programme has a framework of three months duration from December 2019- February 2020 with four slots. Each slot 30 trained volunteers are handling classes. They are helping out the children to do their homework, revise the school lesson and in addition to that activities are conducted for the holistic development of children.

The initiative has a great impact which helped to retain the children in school and dropout rate has considerably reduced. Through this activity, CSA strives to uplift the underprivileged sections of the society by enlightening them through education and promoting self- confidence among the children.

**Feedback:**

The joy and satisfaction of social service is experienced from this programme. To get into society and understand their problems and limitations was a new experience to me.

Lalith C, 19MG1A2107, BBA (C)





**Community Education Programme**



Report Prepared by  
Ms. Minu A  
Date: 25/02/2020

Report Verified by:  
Mr. Manjunath S



## CENTRE FOR SOCIAL ACTIVITIES

### BHAVISHYAJYOTHI (2019-20)

#### Objective:

- To enhance the social responsibility of students.
- To fulfill the educational needs of School Children.
- To help the students connect with the society
- 

Center for Social Activities of Kristu Jayanti College under the banner of Bhavishyajyothi distributed educational materials like books, bags, and green boards to the students of Government Higher Primary school, Kothanur, on 6<sup>th</sup> march 2020.

Bhavishyajyothi is a student initiative program of Kristu Jayanti College for the underprivileged, economically backward, orphan or single parent children. It aims at quality education by providing educational materials like books, bags, uniforms and other stationary items, Medical support, computer education etc. The program is funded by management, students, faculty members and alumni

Rev. Fr. Emanuel, Director, Jayantian Extension Services and Kristu Jayanti College of Law shared his schooling experience and directed students not to stop education at any circumstances. Mrs. Usharani, HM Government Higher primary school gave the feedback



highlighting increase in admissions and student's attendance is stable after associating with the Center for Social Activities of Kristu Jayanti College. Prof. Manjunath.S, Coordinators, Center for Social Activities, Prof. Chandrashekar N, programme coordinator, and student volunteers were present on the occasion.

Report Prepared by: M Chandrasekhar. N

Report Verified by : Prof. Manjunath S



## REPORT ON COVID 19 RELIEF WORK

**Date:** March –June 2020

**Number of beneficiaries:** 2400 Families

### **Objective:**

- To help the needy people in the face of pandemic
- To join in the fight against Covid 19

### **Brief Write up on the Programme:**

Centre for Social Activities in collaboration with CSA alumni members become a pathfinder in the face of COVID 19 pandemic threat by reaching out to the society. Under the able guidance of Prof. Manjunath. S, alumni members had conducted a research on the impact of Covid 19 in the life of daily wage workers around 6 KM of Kristu Jayanti College. Even before the government took an initiative CSA has identified the need of the people and with the help of Rotary Club and Janadhare Trust, United Way of Bengaluru and from a few philanthropists, CSA was able to mobilise the fund to help the people. Around 2400 families were provided with dry ration including rice, dal, wheat, sugar, salt, oil etc....The beneficiaries were mostly construction workers, auto- taxi drivers, hotel helpers, painters, carpenters, and people who were drastically affected by the pandemic.

CSA has shown respect to COVID 19 warriors by extending the help to medical professionals, BBMP workers and Bengaluru City Police. By providing face masks, hand sanitizer, water bottles, refreshments and dry ration to temporary medical staff, CSA stood along with the government in the fight against COVID 19. The relief work is not confined to human beings only, volunteers have fed the stray dogs and birds and helped them to survive this situation.

The impact of the programme is visible from the request of people through Bengaluru City police station to reach out to their areas also. CSA has contacted local vendors and merchants in particular areas and urged and guided them to carry over and extend the initiative in their area also.



**CRAFTING ROOTS**  
catalyst of change



**ROTARACT BANGALORE**  
**GOLDEN ROCK**  
www.rotarybangalore.org

# CERTIFICATE OF APPRECIATION

PROUDLY PRESENTED TO

## Manjunath S

In recognition of his/her contribution towards the COVID-19 relief activities. Your sincere efforts at the time of crisis have ensured that the Dry Ration Kits reach the needy. Thanks for making the Mega Kit Distribution program a **MEGA HIT DISTRIBUTION PROGRAM**

Rtr. Rakshith  
President  
RC Bangalore Golden Rock

Rtr. Susheel  
Secretary  
RC Bangalore Golden Rock







## ENVIRONMENT DAY CELEBRATION - PLANTING OF SAPLINGS IN GOVERNMENT SCHOOL AND ROADSIDE

**Date:** 15/06/2019

**Name and details of the Chief Guest:** Rev. Fr. Josekutty P D, Principal,  
Kristu Jayanti College (Autonomous), Bangalore.

**Objective:** To encourage students to take action and to protect the environment by planting saplings.

### **Brief Write up on the Programme:**

World Environment Day is observed by the United Nations for encouraging worldwide awareness and action to protect our environment. Kristu Jayanti College celebrated the World Environment Day on 15th June 2019 with a tree plantation drive. Environment Club OF Department of Life Science in association with Centre for Social Activities, National Service Scheme, National Cadet Corps, Kristu Jayanti Alumni Association and Government Primary School, K. Narayanapura carried out planting of tree saplings at the premises of K. Narayanapura. The event was presided by the management, faculty and students of Kristu Jayanti College, Government Primary School, K. Narayanapura and residents. Mrs. Hemalatha, Headmistress of Government Primary School, K. Narayanapura welcomed the gathering for the tree plantation drive. Rev. Fr. Josekutty PD, Principal, Kristu Jayanti College, delivered the presidential address. Lt. Dr. Sarvesh B, NCC officer delivered the vote of thanks. The volunteers of Environment Club along with the CSA, NCC, NSS and students of Government Primary School, K. Narayanapura spear headed the plantation of tree saplings in the premises of the Veterinary Hospital, Government Primary School and neighbourhood of K. Narayanapura. The alumni of Kristu Jayanti College were also actively involved in the drive. Around 100 tree saplings were planted.

### **Web URL:**

<https://kristujayanti.edu.in/events/events.php?mode=openlink&year=2019&month=june&url=World-Environment-Day.php>

### **Photo**



Report prepared by: Dr. Sangeetha Menon

Coordinator, Environment Club



## VISIT TO GOVERNMENT SCHOOL OF NARYANAPURA AND KOTHANUR – AWARENESS ON CONSERVATION OF WATER AND ENERGY

**Date:** 25<sup>th</sup> January 2020

**Name and details of the Faculty in Charge:** Dr. Hanumantappa B Nayaka,  
Assistant Professor,  
Kristu Jayanti College (Autonomous),  
Bengaluru -77.

**Objective:** To create an awareness on environment pollution among students of Government School of Narayanapura and Kothanur Village, Bangalore.

### **Brief Write up on the Programme:**

Most Indian cities are experiencing rapid urbanization and a majority of the India's population is expected to live in cities within a span of next two decades. The rapid development in urban India has also resulted in a tremendous increase in the number of automobiles, large scale water pollution and noise pollution. Hence was the need to educate the future generation about how we could use sustainable alternatives for a better tomorrow.

On the 25th of January 2020, the Environment club associated with the Department of Life Sciences, visited two government schools, the Narayanapura Government Primary School and the Sri Siddhartha Sanivasa High School Kothanur. The event presided with an invocation dance by the students of the government school. The students of the Kristu Jayanti College presented presentations about air pollution, water conservation, and waste management and so on. The children were also engaged with few games hosted by the students. The session ended with an interactive session where the students were taught how to make paper bags and the importance on "plastics being banned". Future strategies like use of alternative fuels and spreading awareness amongst citizens will further help reduce emissions that lead to pollution.



Photo:



Report prepared by: Dr. Hanumantappa B Nayaka

Coordinator, Environment Club





## EXTENSION PROGRAMME TO VILLAGE

**Date:** 07<sup>th</sup> March 2020

**Name and details of the Faculty in Charge:** Dr. Hanumantappa B Nayaka,  
Assistant Professor,  
Kristu Jayanti College (Autonomous),  
Bengaluru -77.

**Objective:** To educate the farmers about the hazards of using chemical fertilizers and advantages of using biofertilizers and solid waste management.

### **Brief Write up on the Programme:**

The Life Sciences Department organized a Social Extension Programme on 7<sup>th</sup> March, 2020. Ten students of first year M.Sc. Biotechnology and Microbiology students selected by the department were accompanied by Dr. Hanumanthapa B. Nayaka and NSS Volunteers, and the NSS Faculty in charge Mr. Sreedhar.

A large number of the Local farmers from nearby villages had gathered and farmers were educated about the hazards of using chemical fertilizers and advantages of using biofertilizers that was produced by the Solid wastes. Mr. Sreedhar P.D engaged the audience with a story from Mahabharatha and also gave a brief introduction about the college and what was the purpose of this programme. Then he gave a brief introduction about what is biofertilizers and its importance. Later, the stage was taken over by the students who presented and explained the posters on biofertilizer. After the poster presentation, Dr. Hanumanthapa B. Nayaka explained about biofertilizers and work on them with the help of student volunteers. Free packets of biofertilizers of 1kg quantity were distributed to the farmer volunteers who wanted to try out the biofertilizer made from solid waste from the college.

The questions and doubts raised by the farmers were also answered and cleared. The Social Extension programme was very constructive and educational.



**Photo**



Report prepared by: Dr. Hanumanthapa B. Nayaka

Coordinator, Environment Club



**DEPARTMENT OF LIFE SCIENCES**  
**TECHNOLOGY TRANSFER FROM LAB TO FIELD**

**Date:** January – March 2020

**Classes Attended & Number of beneficiaries:** PG Life Sciences students

**Name and details of the Faculty in Charge:** 1. Dr. U.Sivagamasundari, Dr. Hanumantappa B Nayaka,

**Report on the programme:**

Biofertilizers are substance that contains microorganism's living or latent cells. Biofertilizers increase the nutrients of host plants when applied to their seeds, plant surface or soil by colonizing the rhizosphere of the plant. Biofertilizers are more cost-effective as compared to chemical fertilizers. The microorganisms in biofertilizers restore the soil's natural nutrient cycle and build soil organic matter. One of the major advantages of such fertilizer is that it does not harm the environment or in other words it's environment-friendly.

Hence the present trial was practiced to evaluate the efficacy of biofertilizer consortium developed in the Biotechnology Research Laboratory of Kristu Jayanti College and tested in field provided by Alamba charitable trust, Gubbicross, Bangalore Rural district of Karnataka;

**Objectives**

- ✓ An alternative eco-friendly approach for sustainable agricultural practices to frequent use of organic and microbial biofertilizers.
- ✓ To reclamate and improve the fertility of the soil and crop productivity.

**The Context**

Vegetative parameters of cultivated crops were observed healthy with minimal pests attack. Planted crops started yielding. Harvesting was done thrice.



### The Practice

Beneficial microorganisms such as *Rhizobium sp.*, was isolated from the root nodules of legumes; *Azotobacter sp.*, and phosphobacteria were isolated from the soil respectively. They were mass produced, mixed in right proportions and then injected into carrier material (peat) to prepare biofertilizer consortium. Similarly, vermicompost harvested from college canteen wastes also added as a root study.

### Crops tested

5. Tomato
6. Brinjal
7. Chilli
8. Spinach

### Evidence of Success

Since two years, the field has been in our lab to land practice, the fertility of the field (soil) was observed very good and become highly productive. Soil fertility, water porosity, nature, color and aeration of the field were observed very good.

### Photo:







## Field site in Alamba Charitable trust



## Planting vegetable saplings



## Harvest

Report prepared by: Dr. U.Sivagamasundari



## TREE PLANTATION DRIVE

**Date: 15th June, 2019.**

**Time: 08.00am - 11.30am.**

**No of beneficiaries:**

<b>No of SD's</b>	<b>13</b>
<b>No of SW's</b>	<b>06</b>
<b>Total</b>	<b>19</b>

### **Objective:**

The main objective of the tree plantation day is to make cadets understand the importance of nature, improve their knowledge about their surroundings, and to create self-awareness to develop a green and clean environment.

### **Brief write up:**

The tree plantation drive commenced with the reporting of the cadets and other student volunteers at 09:00am at the government school near the college. The event was inaugurated by the Principal Rev Fr. Josekutty PD and other faculty members of the school by planting a tree sapling. A small message on the importance of plants in the environment was delivered by the dignitaries to the students and fellow cadets. All the saplings were planted by the cadets and the student volunteers. It was made sure that the saplings were watered properly with utmost care. These saplings were placed in and around the school premises. The tree plantation drive was a great learning experience.

### **Feedback:**

The tree plantation was the first event of this year which took off with a great start. It was a great learning experience for the cadets. Everyone took great initiative to plant all the saplings in the right manner. Cadets were enthusiastic and in a good spirit to participate in this plantation event and they proved their abilities to the best.



Photos:



Cadets planting saplings around the locality.



Rev Fr. Josekutty PD addressing the crowd on the importance of tree plantation.

Report Prepared by:  
CDT Claire Paul

Report Verified by:  
Prof. Ponny Thomas

Report Approved by:  
Lt. Sarvesh B S, ANO



## SWACHATA PAKWADA

**Date:** 7 December 2019

**Time:** 8.30am to 12.00pm

**Venue:** Ulsoor Lake

**No. of beneficiaries:**

<b>No of SD's</b>	<b>18</b>
<b>No of SW's</b>	<b>10</b>
<b>Total</b>	<b>28</b>

### **Objective:**

The main objective of the "swachata pakawada program" was to build the feel of swachata amongst the NCC cadets. It was also conducted in the order to teach them how to keep the surroundings clean.

### **Brief Write Up:**

The sawachata pakwada was conducted on 7<sup>th</sup> Dec 2019 at Ulsoor Lake. The reporting time was 8:30 am. The chief guest of the day was Col. LK Joshi (CO of 1 KAR girls BN). At 9.00am all cadets had a fall and with the chief guest speech, started the program. After the speech, cleaning started all around the Ulsoor Lake. By 12:00 pm all were gathered together again. And with this swachata pakwada program came to the end.

### **Feedback:**

The program was great fun equipped with learning. Cleaning the surrounding as a group was more fun .All the cadets had a great time throughout the session. Henceforth after cleaning, the surrounding looked even more beautiful and clearer.





**Photos:**



**Photo: Cadets cleaning the roads.**



**Photo: Cadets cleaning the pathway near Ulsoor Lake.**





Photo: Group photo with the team participated for swachata pakawada



Photo: Kristu Jayanti college cadets at Ulsoor Lake for Swachata pakhwada program.



## ENVIRONMENT DAY CELEBRATION

{In collaboration with CSA, NCC, Environmental Club, Alumni Association and K. Narayana Pura government school}

**Date:** 15 June 2019

**Place:** K. Narayana Pura Veterinary hospital

**Objective:** To create awareness about saving environment and to plant more than 100 saplings

**No of participants-** 30

**Theme:** Environment Protection

**Brief Write up on the programme:**

The event started at around 7.30am, where all the volunteers assembled at the entrance of Kristu Jayanti College. The students were guided from the college towards K Narayanapura veterinary hospital. The event began at 7.45 am with the inauguration, proceeding which Rev Fr. Josekutty P D, the principal of Kristu Jayanti College along with Mrs. Hemalata, The Head Mistress of K. Narayanapura government school initiated the planting of the first sapling together.

Rev Fr. Josekutty P.D addressed the gathering by thanking Mrs. Hemalata for her support in creating a green environment, he also motivated the students to plant more saplings. Mrs. Hemalata mentioned her sincere thanks to Kristu Jayanti College management, staff, and students for their contribution towards a better environment.

Lt. Sarvesh, Head of the Department of Kannada, Kristu Jayanti College stated his sincere thanks to the management of Kristu Jayanti College and to the headmistress for taking her valuable time and supporting for an environmental cause. The volunteers were provided refreshments after the completion of the activity.



URL- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)





## CAMPAIGN ON CREATING AWARENESS ABOUT DENGUE

**Date:** 17<sup>th</sup> August 2019

**Place:** K. Narayanpura, Geddalahalli, Kothanur

**Timings:** 2.00 pm - 4.00 pm

**Participants:** NSS Student Volunteers

No of Beneficiaries: 105 houses

Theme: Awareness campaign

**Objective of the programme:** To create awareness about dengue infection and also to educate them about the measures to prevent it.

**Brief Write up on the programme:**

A large number of people have been affected by Dengue. However, most of them are not aware of the seriousness of the infection and the various symptoms of Dengue. The NSS unit of Kristu Jayanti College organised a dengue awareness campaign in the nearby places of Narayanapura. Two hundred and forty-five students participated in this awareness campaign. The students were divided into various groups and were sent to the nearby places. The students showcased the various posters that they had created for the dengue awareness, posters were created in a way that even the illiterate people would understand it easily.

The students interacted with the local public near the construction places as those were the places prone to intense infections. Few measures to safeguard oneself from dengue was explained by the students to the public. Informative points were shared to the public for the welfare of the society.



### Campaign on creating Awareness about Dengue -17/08/19



Latitude- 13.058157

Longitude-77.642861

Date- 17-08-2019

Students at the campaign

### Campaign on creating Awareness about Dengue -17/08/19



Latitude- 13.058157

Longitude-77.642861

Date- 17-08-2019

Students holding the posters in dengue awareness campaign

URL- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## INITIATIVE BY THE NSS UNIT - REPAIRING POTHOLES

**Date:** 17<sup>th</sup> August 2019

**Place:** K. Narayanapura Cross

**Time:** 2pm - 4 pm

**Theme:** Environment Protection

**Objective:** An initiative taken by the NSS unit to resolve the public issue

**Brief Write up on the programme:**

The roads in and around K. Narayanapura was being the talk of the town for all the bad issues, and the NSS unit decided to take the required steps to repair the roads for an easier and safer transportation. A group of students headed by the faculty members took the initiative to repair the roads, the pot holes were closed which helped the people to travel in ease. The initiative was appreciated in the Indian Express newspaper with the title “Students turn pothole warriors, do BBMP’s job”.





### Repairing Potholes-17/08/19



Latitude- 13.058157

Longitude-77.642861

Date- 17-08-2019

### Repairing Potholes-17/08/19



Latitude- 13.058157

Longitude-77.642861

Date- 17-08-2019





Repairing Potholes-17/08/19





## CREATING LITTER FREE CAMPUS, ENVIRONMENT & REPAIRING POTHOLES

**Date:** - 24<sup>th</sup> August 2019

**Time:** - 2 pm to 4 pm

**Venue:** - College Campus and Neighbourhood area K. Narayanapura

**Theme:** Environment Protection

**Objective-** To create litter free campus, environment and clear the potholes on the road

### **Brief Write up of the programme**

Two activities were carried out during this week. In Connection with Swachh Bharat Abhiyan, NSS unit took an initiative in creating a litter free campus and environment. The second activity was the repairing of potholes. The NSS team was divided into three groups. One team ensured that the campus was litter free, the second team focused on making the surrounding free of litters and third team repaired the potholes on the roads towards K. Narayanapura. The students effectively contributed towards the various targeted activities thereby exhibiting their responsibility towards the societal requirements and a clean atmosphere.





Latitude- 13.058157

Longitude-77.642861

Date- 24-08-2019

**Creating Litter free campus, Environment & Repairing  
Potholes-24/08/19**

Students creating litter free environment





Creating Litter free campus, Environment & Repairing Potholes-



Latitude- 13.058157  
Longitude-77.642861  
Date- 24-08-2019

Students in potholes repair work





**Creating Litter free campus, Environment & Repairing Potholes-**



Latitude- 13.058157

Longitude-77.642861

Date- 24-08-2019



## RURAL COMMUNITY DEVELOPMENT & FIELD PRACTICE

**Date:** 14<sup>th</sup> September, 2019

**Place:** V. Nagenahalli

**Timings:** 10.00 pm - 2.00 pm

**Participants:** NSS Student Volunteers

**No of Beneficiaries:**

**Theme:** Community Development

### **Objective of the programme:**

- To observe the village and recognize their problems.
- To study village using participatory Rural Appraisal Method for Rural Community Development.
- To share study information to the community people.

### **Brief Write up on the programme:**

The programme commenced with an orientation session on Rural Community Development & Importance of Field work to the students. The students were explained about the basic concepts of PRA which included Watch, Listen, Learn, Establishing rapport, Map and Facilitation.

The students were given exposure to Participatory Rural Appraisal practice which would enable the students understand the rural condition and make them understand on the Rural Community Development.

**The students have been grouped into 4 teams and assigned to do a study the community people and their status.** The students were asked to do the assignments in the following areas-

1. **Transact walk** – Observation of the resources and facilities, which are available in the village.
2. **Social mapping** – Drawing the village map with road, Street lights, houses etc. in the center of the village with people participation.
3. **Problem tree**–Observation of the village – Discussion of Core Problem of the village & Its causes and effects.
4. **Case study**–Case study about one household's income, lifestyle and everything about the family.





## FIELD WORK ORIENTATION

### Rural Community Development & Field Practice-14/09/19



### Case study on Rural Household

### Rural Community Development & Field Practice-14/09/19





### Student Presentation on Community Study

Rural Community Development & Field Practice-14/09/19



### Student Presentation on Community Study

Rural Community Development & Field Practice-14/09/19







## Group Photo – Student Volunteers

Rural Community Development & Field Practice-14/09/19



URL link- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## **AWARENESS SESSION ON WASTE DISPOSAL**

**Date: 02/10/2019**

**Place: Cratis Hospital**

**Timings: 10.30 am to 12.00pm**

**Theme: Waste Management**

**Objective of the programme:**

- To know how the medical wastes are segregated and disposed.

**Brief Write up on the programme:**

As a part of social activity, our NSS volunteers visited the nearby Cratis Hospital to learn about the disposal of toxic medical waste from the hospital and to create awareness about the same. The following were the queries that were addressed to the staff of the hospital

**Question Asked:** How is the toxic waste from this hospital disposed? What are the methods used?

**Answer:** There are different coloured covers that are used to dispose different kinds of wastes; red, blue, yellow and white. Different wastes like cotton, syringes, etc. will be disposed in different covers. The BBMP takes all the general type of wastes like plastic, paper, etc. The medical department of the government takes all the medical waste from the hospital.

**Question Asked:** How often is the waste collected from the hospital?

**Answer:** The authorities collect the waste every day. This usually happens at around 8 in the morning.

Through this interaction the students got a complete understanding about the medical waste segregation and disposal happening in Cratis Hospital.



Awareness session on Waste Disposal-02/10/19



Latitude- 12.939545

Longitude-77.605

Date- 02-10-2019

Awareness session on Waste Disposal-02/10/19



Latitude- 13.039545

Longitude-77.605

Date- 02-10-2019

URL link- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## VISIT TO NGO

**Date: 02/10/2019**

**Place: Preethi Nivas Trust**

**Timings: 10.30 am to 1.00pm**

**Participants: NSS Student Volunteers**

**No of Beneficiaries: 25 inmates**

**Theme: Meeting societal needs**

**Objective of the programme:**

To visit the old age home and understanding about how people feel when they are rejected from their own personal beings.

**Brief Write up on the programme:**

The journey commenced at 10:30 AM and went on till 1:00 PM. Almost 30 volunteers actively participated in the activity and made the happier for the inmates of Preethi nivas.

The old age home has 25 inmates. One thing that was common was all were rejected by their family. Our NSS volunteers spend their time with the members in the home by involving them in various activities like singing, dancing, conducting games etc. we also made a contribution of Rs.1900 to the home to meet their medical needs.



Visit to NGO -02/10/19

PREETHI NIVAS TRUST

Latitude- 13.039545

Longitude-77.605

Date- 02-10-2019

Visit to NGO -02/10/19





URL link- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## PLASTIC FREE LIFE CAMPAIGN

**Date:** 04/10/2019

**Place:** K. Narayanapura Cross

**Timings:** 12.00 pm - 1.30 pm

**Participants:** NSS Student Volunteers

**Theme:** Cleanliness drive

**No of Beneficiaries:** 150 houses

**Objective of the programme:**

- To create awareness among people on the hazards of single use of plastic and to motivate them towards the use of fabric (cotton or jute) bags.
- To create a plastic free environment.
- 

**Brief Write up on the programme:**

Plastic Pollution is a huge environment and health issues as it harms us in more than one way such as it clogs drains, causes visual pollution and proves fatal for stray animals. So, with "BEAT PLASTIC POLLUTION", the theme for World Environment Day 2018, United Nations (UN) is encouraging worldwide awareness and action for the protection of our environment from plastic pollution. The students prepared various posters showcasing different issues pertaining to plastic usage. Utilising these posters, our NSS volunteers addressed the public pointing out the hazards about plastic usage. They also emphasized the use of cotton or jute bags. The program was of great help to the public.



Plastic Free Life Campaign  
Organized By NSS Unit of Kristu Jayanti College Autonomous  
From Kristu Jayanti College to K.Narayanapura  
Time: 12 - 1.30 pm  
04 Oct 2019 | [www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)





**Plastic Free Life Campaign**



Plastic Free Life Campaign  
Organized By NSS Unit of Kristu Jayanti College Autonomous  
From Kristu Jayanti College to K Narayanapura  
Time: 12 - 1.30 pm

04 Oct 2019 | [www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)

**Plastic Free Life Campaign**



Plastic Free Life Campaign  
Organized By NSS Unit of Kristu Jayanti College Autonomous  
From Kristu Jayanti College to K Narayanapura  
Time: 12 - 1.30 pm

04 Oct 2019 | [www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)

**Plastic Free Life Campaign**



Plastic Free Life Campaign  
Organized By NSS Unit of Kristu Jayanti College Autonomous  
From Kristu Jayanti College to K Narayanapura  
Time: 12 - 1.30 pm

04 Oct 2019 | [www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)

URL link- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## CAMPAIGN ON PROMOTING THE USAGE OF JUTE BAGS FOR WASTE DISPOSAL

**Date:** 09/10/2019

**Place:** Kristu Jayanti CMI School, Kannamangala, Prushanahalli, Nagenahalli, Genjanahalli, Vadagere, Badhrapura

**Timings:** 8.30 am to 4.30 Pm

**Participants:** NSS Student Volunteers

**No of Beneficiaries:** 850 families

**Theme:** Waste Management

### **Objective of the programme:**

- To create awareness among people on the hazards of single use of plastic and to motivate them towards the use of fabric (cotton or jute) bags.
- To create an awareness on plastic free environment.
- To distribute the jute bags for more than 850 families.

### **Brief Write up on the programme:**

At Morning 8.30 am, NSS volunteers started from our College and reached Kristu Jayanti CMI School at Kannamangala. NSS volunteers were divided into three different groups and these groups approached different villages around Kannamangala in order to spread awareness on how to stop the Usage of Plastic Covers. In connection with the above-mentioned objective, our volunteers distributed jute bags to the village and encouraged them to use those bags for waste disposal. This programme benefitted about 850 families.

We also conducted social mapping where the volunteers figured out the various resources available to the village residents and also made it available for the villagers to have a glance at it. Apart from these activities, our students have also prepared a case depicting the demographic factors of the villagers. This activity was of great help to the beneficiaries as well as the students as they got to understand how people are living happily without the interference of technology.





Jute bag usage campaign-09/10/19

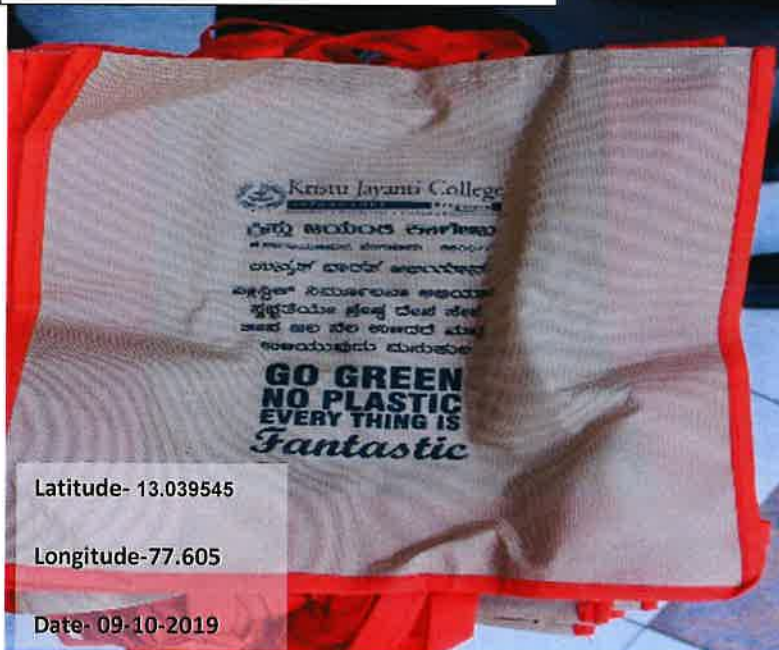


Latitude- 13.039545

Longitude-77.605

Date- 09-10-2019

Jute bag usage campaign-09/10/19



Latitude- 13.039545

Longitude-77.605

Date- 09-10-2019



Jute bag usage campaign-09/10/19



URL link- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## CLEANLINESS AND WASTE DISPOSAL DRIVE

**Date:**07/12/2019

**Place:** K. Narayanapura Cross, V. Nagenahalli

**Timings:** 2.00 pm -4.00 pm

**Participants:** NSS Student Volunteers

**Theme:** Waste Management

**Objective of the programme:**

- To remove the wastes and bushes from the drainage
- To clear the dry waste lying along the streets

**Brief Write up on the programme:**

The NSS volunteers were divided into different groups and they were directed to different places. One set of students cleared the dry wastes around the college campus, and one more group removed all the wastes and bushes from the drainage areas. This initiative was to create awareness to the society in keeping their surroundings clean. It made a great impact since the volunteers made this activity more meaningful through their efforts and dedication which was also published in the Newspaper.







Cleanliness and waste disposal Drive-7/12/19







## Cleanliness and waste disposal Drive-7/12/19



Latitude- 13.049545

Longitude-77.606

Date- 07-12-2019

07 12 2019 14:59

URL Link [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## E-BANKING AWARENESS CAMPAIGN

Date: 18/01/2020

Place: Kannamangala village, Doddaballapura Taluk Bangalore rural district.

Timings: 09:00-1:30pm

Participants: NSS Student Volunteers

No of beneficiaries: 60 respondents

Theme: Awareness drive

### Objective of the programme

Based on the survey of households and school students and with the preliminary discussion the objectives of the work to be carried out by Kristu Jayanti College Autonomous in this village were defined as:

1. To effectively participate in the holistic development of Kannamangala village by educating them with various activities of bank such as online banking facilities.
2. To support the residents of Kannamangala village by providing the necessary information and by further helping them in implementing them in their real-life scenarios.

### Brief write up on the programme:

Giving awareness about E banking and educating about the online services provided by the banks to the residents of Kannamangala was major theme was 49 NSS volunteers of Kristu Jayanti College. In order to do the same, they prepared various posters showcasing the usage of online banking services and by showing live demonstration of how to transact online. NSS volunteers even prepared questionnaire pertaining to know knowledge prevailing with residents of the Kannamangala village.







E- Banking Awareness campaign- 18/01/20



Latitude- 13.058339

Longitude-77.641488

Date- 18-01-2020

E Banking Awareness campaign- 18/01/20



Latitude- 13.058339

Longitude-77.641488

Date- 18-01-2020

URL Link [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## **ASSESSMENT AND TRAINING ON NUTRITION FOR ADOLESCENT GIRLS**

**Date:** 24/01/2020.

**Place:** Purushanahalli.

**Timings:** 08:30 AM – 04:30 PM.

**Theme:** Health and Hygiene

**No. of Beneficiaries:** 25 girls and 30 houses in village

**Objective of the programme:**

- To organize a screening camp on assessing health status and nutrition needs and provide training on the adolescent girls.

**Brief write up on the programme:**

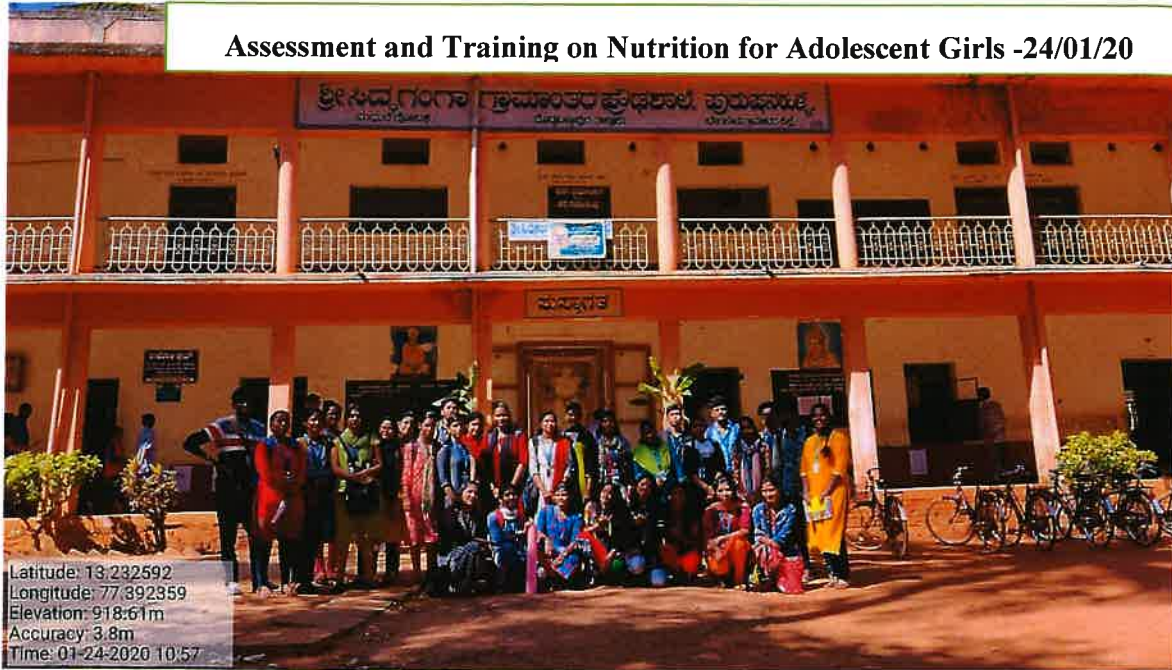
Adolescent girls, 10 -19 years aged constitute to one sixth of the world's population. In India, National Youth Policy defines adolescents as 13 – 19 years. Few studies reveal that the prevalence of thinness was 14% for younger girls and 6% for older girls. 60% of girls in the age group of 15 – 19 are found to have anaemia. Health of the adolescent is very important which will have adverse effect on maternal mortality ratio and crude birth rate.

The NSS volunteers from three groups joined together for the screening camp activity which took place in Purushanahalli village. The volunteers along with three faculty co-ordinators, Dr Rubavel Manohar, Dr Margret Mary and Mrs. Soumya S departed to the village by 08:40 AM. First, the volunteers were taken to Shri Siddaganga Government High School, Purushanahalli Doddaballapura Taluk, Bangalore Rural District. The headmaster of the school granted permission to conduct the camp. The NSS volunteers approached the adolescent girls present at the school for a training session on values of healthy eating habits and nutritional values of foods and the right intake of required meal on right time. And interactive activities were conducted so the adolescences feel comfortable and active during the training session. The training session on nutritional foods was also conducted to the adolescent age grouped boys at the school. Later the BMI ratio of each adolescent girl were found by taking the height and weight of each person. The results were recorded on a register for future assessment and analysis plans. Post lunch the volunteers went to each house in Purushanahalli to give the villagers awareness on present health issues and the measures that needs to be tackled with health problems that may arise due to certain conditions in context to different age group of people. The volunteers reached back to Kristu Jayanti college by 04:30 PM.





## Assessment and Training on Nutrition for Adolescent Girls -24/01/20



## Assessment and Training on Nutrition for Adolescent Girls -24/01/20



NSS Volunteers giving an awareness talk on self-hygiene and nutrition.



## Assessment and Training on Nutrition for Adolescent Girls -24/01/20



Latitude: 19.058846  
Longitude: 77.642818  
Accuracy: 60.0m  
Time: 01-24-2020 12:38

NSS Volunteers counselling the adolescence girls



Latitude: 13.232433  
Longitude: 77.302196  
Accuracy: 7.0m  
Time: 01-24-2020 12:40



Latitude: 13.232434  
Longitude: 77.302206  
Accuracy: 7.0m  
Time: 01-24-2020 12:36

NSS Volunteers measuring the height, mid-arm circumference and weight, to find BMI ratio of a person.





NSS Volunteers giving an awareness talk on self-hygiene and nutrition.



NSS Volunteers interacting with the villagers.









## ORGANIC FARMING PLAN AND HYGIENIC DEVELOPMENT PLAN

Date: 27/01/2020

**Place:** Ambalagere Village

**Timings:** 09.00 am - 3.30

pm

**Theme:** Awareness drive

No of Beneficiaries: 180 houses

### **Objective of the programme:**

- To create awareness among people on the organic farming and Hygienic.
- Motivate them to maintain Hygienic for healthy life.
- To effectively participate in giving Organic farming Plan and Awareness of Hygiene in Ambalagere village by preparing an integrated development plan for the village by using local resources and eco-friendly sustainable technologies to improve the people's standard of living.
- To create a healthy world with the help of organic farming.

### **Brief Write up on the programme:**

To achieve the objectives of the Hygienic Awareness plan and Organic farming the team of Kristu Jayanti College NSS & UBA will be following the below steps

- Doing a Survey and Rally on Hygienic Awareness and Organic Farming. A Rally where we had communicated with the people in the village.



- Conducting Village survey by using the Unnat Bharat Abhiyan 'Village survey' Questionnaire.
- Data analysis of the village survey completed and based on the results and problems identified through the survey, the team developed 'Organic Farming Awareness Plan' and 'Hygienic Development plan'.
- Organized the meeting with various people and students who has the Organic Farming Experience and has come with the farmer background.
- As per the information that has been collected, there is no proper medical attention in the respective. If so, there is an emergency people should travel at least 1km.
- A lot of villagers have a lack of knowledge relating to sanitary problems.
- The main point of view of this activity is giving and providing a proper knowledge about hygienic issues.
- The profession that Ambalagere residence are most relating to catering. So Kristu Jayanti Students wanted to help them to provide cleanliness.
- On 27<sup>th</sup> Jan all the NSS volunteers left their regular activity in college and started a new journey towards contributing to society.
- As mentioned before AMBALAGERE VILLAGE was the place where we conducted our activity.
- For a more reliable solution we had prepare a questioner regarding HYGIENE and ORGANIC FARMING.
- There are minimum 150-175 houses. We were able to collect 70-80 Responses.
- After collecting the response, it was clearly seen that 90% of houses have their own toilet.
- And those toilets were also maintained properly.
- But one thing that was clearly seen is, government has not helped any of the respective villagers for constructing the toilet.
- All the toilet was self-funded.
- The village condition in term of self-hygiene is good but outside i.e. village surrounding is not good. The sewage system is very bad. The only drawback is this.



**Kristu Jayanti College**  
AUTONOMOUS Bengaluru  
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore North University

**ORGANIC FARMING PLAN  
AND HYGIENIC  
DEVELOPMENT PLAN-  
27/01/20**



Latitude: 13°14.917'  
Longitude: 77°22.993'  
Accuracy: 500.0m  
Time: 27-01-2020 11:35



**Kristu Jayanti College**  
AUTONOMOUS Bengaluru  
Reaccredited 'A' Grade by NAAC | Affiliated to Bangalore North University

**ORGANIC FARMING PLAN  
AND HYGIENIC  
DEVELOPMENT PLAN-  
27/01/20**



Latitude: 13°14.261'  
Longitude: 77°23.445'  
Accuracy: 500.0m  
Time: 27-01-2020 11:26





**Kristu Jayanti College**  
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Reaccredited 'A' Grade by NAAC | Affiliated to Bengaluru North University

**ORGANIC FARMING PLAN AND HYGIENIC DEVELOPMENT PLAN- 27/01/20**

Latitude: 13°14.239'  
Longitude: 77°23.486'  
Accuracy: 1300.0m  
Time: 27-01-2020 11:33

**Kristu Jayanti College**  
AUTONOMOUS Bengaluru  
Reaccredited 'A' Grade by NAAC | Affiliated to Bengaluru North University

**ORGANIC FARMING PLAN AND HYGIENIC DEVELOPMENT PLAN- 27/01/20**

Latitude: 13°14.835'  
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Accuracy: 400.0m  
Time: 27-01-2020 11:33



URL link- [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)

Academic year 2019-2020



## A SURVEY RELATED TO HEALTH AND HYGIENE

**Date:** 29/01/2020.

**Place:** Purushanahalli.

**Timings:** 09:00 AM – 04:30 PM.

**Participants:** NSS Student Volunteers.

**No. of Beneficiaries:** 28 School children of age group 4-10 yrs., 70 women and 40 houses

**Theme:** Health and Hygiene

### Objective of the programme:

- To demonstrate skills, knowledge and behavior enabling children to grow up in caring homes and communities, including schools that are free from violence, abuse and exploitation.
- To educate the women about the menstrual hygiene
- To create awareness about the health hazards associated with the use of tobacco.

### Brief write up on the programme:

The practice of open defecation, poor personal health and hygiene practices and lack of proper treatment of solid and liquid wastes has a detrimental impact on public health, child mortality, gender equity, environment and economy in rural areas of the state. It is estimated that that 88% of the total disease burden in rural areas is due to a lack of clean water, poor health and hygiene practices, improper solid and liquid waste management. While reviewing the statistics pertaining to these issues, the following facts were identified.

The findings of the second round of the Global Adult Tobacco Survey 2016-17 for Karnataka revealed that 22.8% of adults in Karnataka about (1.2 crores) which means nearly one in three men and one in ten women, are currently using tobacco in some form. There should be a need to educate and make them aware about the environmental pollution and health hazards associated with the use of tobacco.

Menstruation and menstrual practices still face many social, cultural, and religious restrictions which are a big barrier in the path of menstrual hygiene management. In many parts of the country especially in rural areas girls are not prepared and aware about menstruation so they face many difficulties and challenges at home, schools, and work places. Inaccurate or incomplete knowledge about menstruation is a great hindrance in the path of personal and menstrual hygiene management. So, awareness should be created to emphasize the use of reusable sanitary products or the natural sanitary products made from materials like banana fibre, bamboo fibre, sea sponges, water hyacinth, and so on.

Crimes against children include physical and emotional abuse, neglect and exploitation, such as through child pornography or sex trafficking of minors. The children are vulnerable to different kinds of crimes like kidnapping, murder, rape or assault to the modesty of girl child, etc.



There comes the necessity for child and family social services, health and education and communities, schools to demonstrate skills, knowledge and behaviour enabling children to grow up in caring homes and communities, including schools that are free from violence, abuse and exploitation. The NSS unit of our college have taken an initiative of addressing these societal issues in Purushanahalli Village.

Our NSS student volunteers of three groups prepared posters and skit addressing these issues. Our student volunteers along with three faculty co-ordinators, Prof.Kalyani, Prof. Glady Agnes, Prof.Santhosh visited our UBA adopted village Purushanahalli, Doddaballapura Taluk, Bangalore Rural District in order to accomplish our task. The students were divided into three groups.

One group visited Hiriya Prathamika Patashale (government school) and addressed the children from 4 to 10 years age about the right touch. Our students narrated the children in detail about the following matters

- About the good touch and bad touch
- Ways to encounter it
- Skit relating to this
- Exhibited posters for better results.
- 

Second group of students visited all women in that village and enquired about their menstrual hygiene. A survey was conducted and about 70 respondents were covered. Generally pointing out that about 40 % of the respondents use sanitary pads and about 60% of the women use clothes. It was also found that they lack in this hygiene. Its finally suggested that a medical camp or some awareness campaigns addressing these issues are required in order to show a sustainable development.

Third group of students carrying posters visited each house with an objective of enlighten the members of the village about the ill effects of using tobacco. Our students covered about 40 houses. But we were surprised to know that about 99.9 % of the people in the village don't consume tobacco.

In short, about three activities were carried out, of which two turned to be a great success.

**Photo:**

**A survey related to Health and Hygiene- 29/01/20**







**A survey related to Health and Hygiene- 29/01/20**



Latitude: 13.236668  
Longitude: 77.391477  
Elevation: 995.89m  
Accuracy: 2.2m  
Time: 01-29-2020 11:53

**A survey related to Health and Hygiene- 29/01/20**



Latitude: 13.237085  
Longitude: 77.39194  
Elevation: 989.79m  
Accuracy: 2.5m  
Time: 01-29-2020 11:36





**A survey related to Health and Hygiene- 29/01/20**



Our students enquiring about their menstrual hygiene

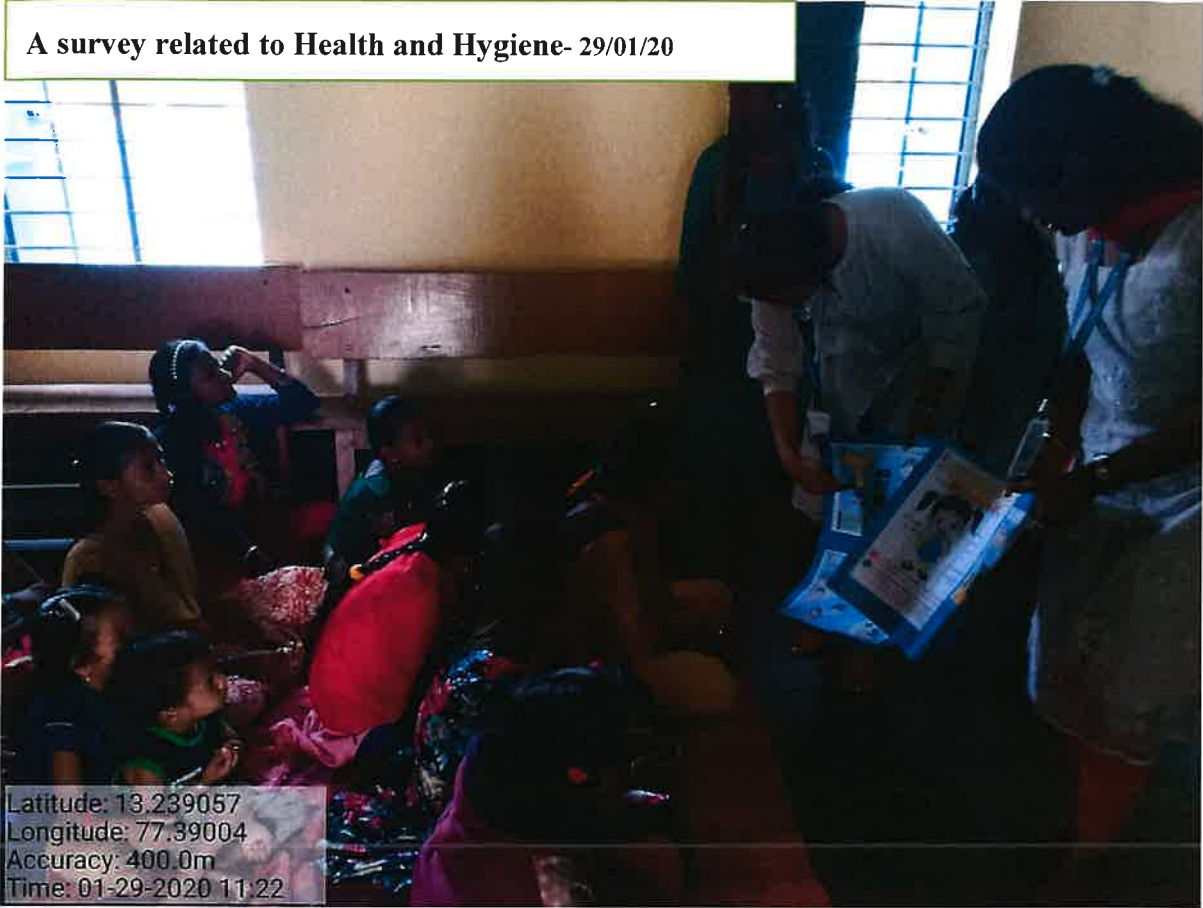


**A survey related to Health and Hygiene- 29/01/20**





**A survey related to Health and Hygiene- 29/01/20**



Latitude: 13.239057  
Longitude: 77.39004  
Accuracy: 400.0m  
Time: 01-29-2020 11:22





**A survey related to Health and Hygiene- 29/01/20**



Our students addressing school children about the right touch

**A survey related to Health and Hygiene- 29/01/20**





**A survey related to Health and Hygiene- 29/01/20**

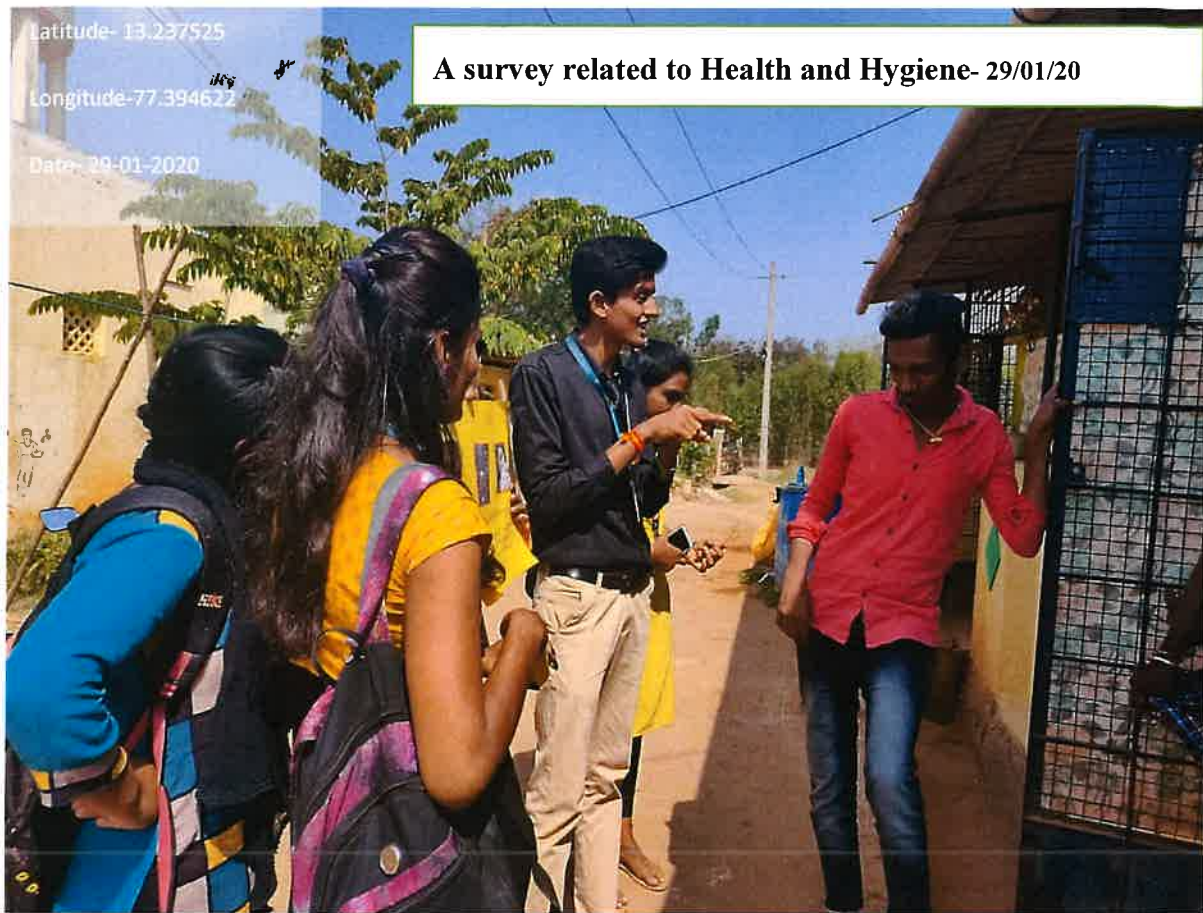


Latitude: 13.237525  
Longitude: 77.392417  
Elevation: 915.26m  
Accuracy: 3.8m  
Time: 01-29-2020 11:04

**A survey related to Health and Hygiene- 29/01/20**



Latitude- 13.237525  
Longitude-77.394622  
Date- 29-01-2020



Our students addressing the village people about the ill effects of tobacco

URL Link [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)





## PLASTIC WASTE MANAGEMENT

**Date:**03/02/2020

**Place:** AMBALAGERE

**Timings:**10.30am -1.30 pm

**Participants:** NSS Student Volunteers

**No of Beneficiaries:** 100 HOUSES

**Theme:** Waste Management

### Objective of the programme:

- To Create a socio-technical model for taking plastic waste management from informal to formal economy.
- To create a plastic free environment.



### Brief Write up on the programme:

- Plastic waste management is a pressing issue in India, especially with the unceasing growth of consumerism throughout the nation. Interestingly, almost 60 per cent of the total plastic waste generated in India gets recycled while the remaining escapes into the environment. However, most of this plastic is down-cycled. At this juncture, India needs robust and stringent waste management tools to substantially improve the situation. Plastic Pollution is a huge environmental and health issues as it harms us in more than one way such as it clogs drains, causes visual pollution and proves fatal for stray animals.
- In this regard, NSS volunteers briefed the villagers about the plastic reuse and explained them about the harms that the nature will face if the plastic usage increases. The students were divided in two groups. One visited the primary schools and created an awareness among the school children and another group visited the households and gave more input on the segregation and reuse of plastic.



**PLASTIC WASTE MANAGEMENT-  
03/02/20**

URL Link [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)





**National Service Scheme**  
**in collaboration with GRAMA PANCHAYATH (AMBALAGERE)**  
**Swachh Bharat Plastic Awareness**

**Date:** 17/02/2020

**Place:** AMBALAGERE

**No of beneficiaries:** AMBALAGERE VILLAGE

**Objective of the programme:**

To create an awareness among the village people about the segregation of wastes

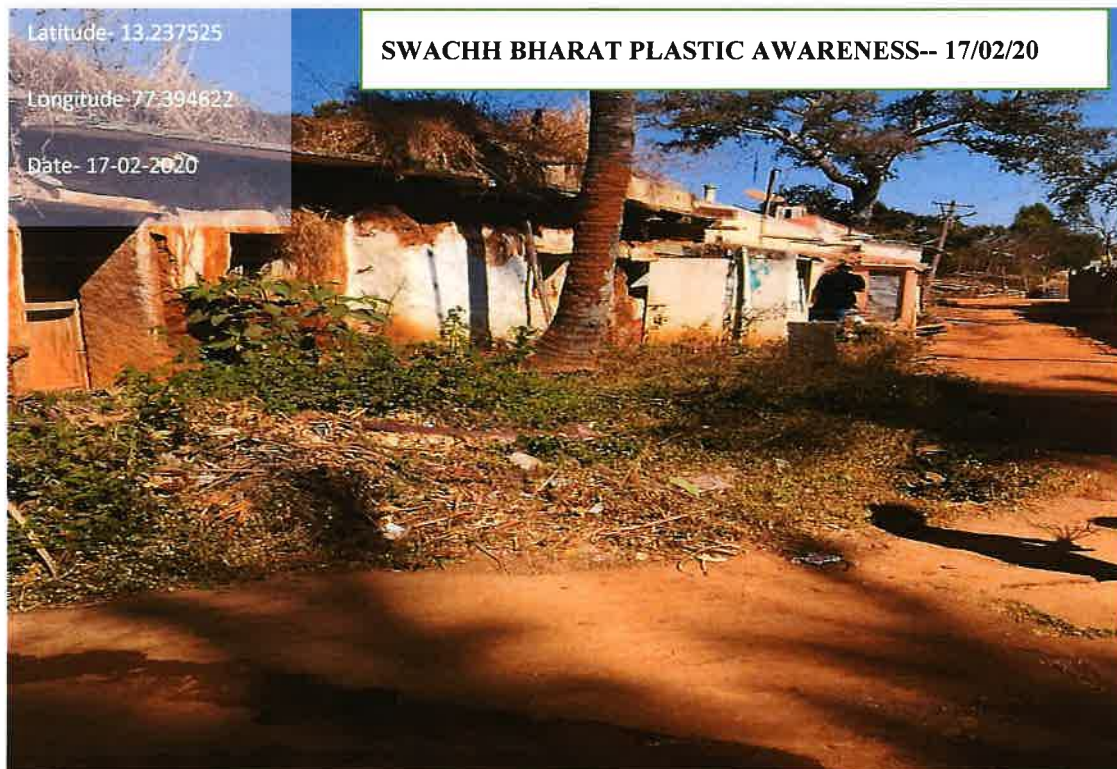
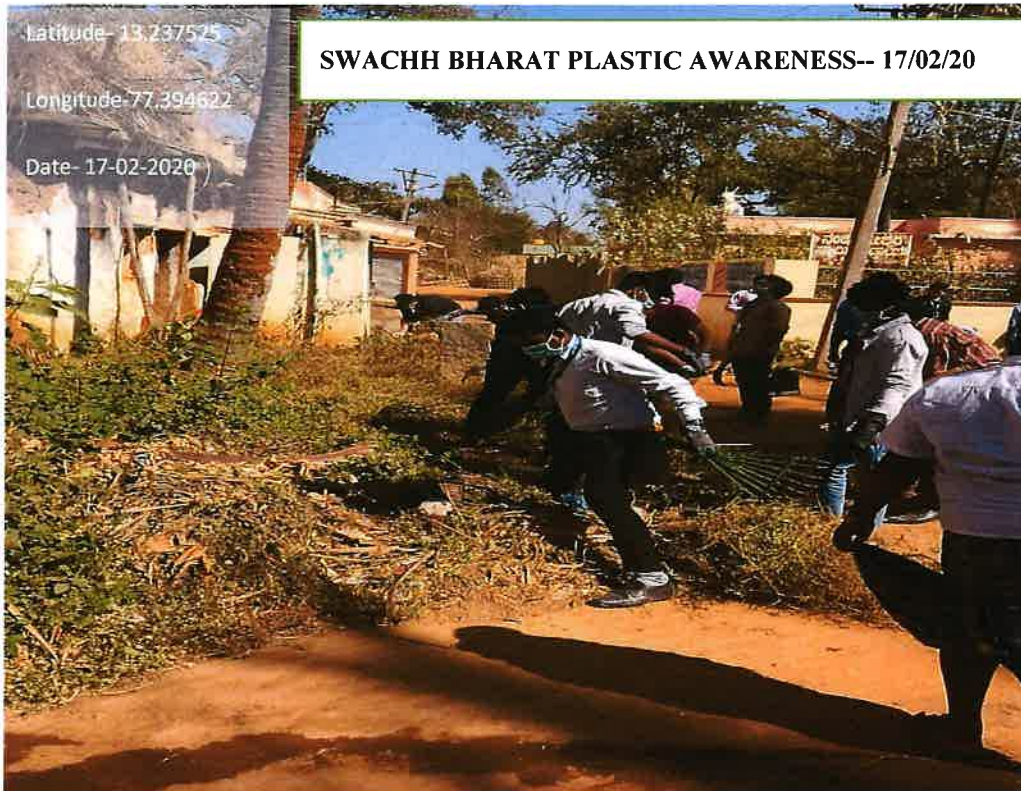
Theme: Waste Management

**Brief Write up of the programme:**

The Volunteers started at 8 am and reached by 10:30 am, the volunteers along with the Villagers got into the act of cleaning the local school premises, nearby streets and also went on a drive with Grama panchayat people in order to create awareness on waste management, segregation of plastic and measures to limit the excess use of plastics.







URL Link [https://kristujayanti.edu.in/studentlife/public\\_nss.php](https://kristujayanti.edu.in/studentlife/public_nss.php)



## ONE STUDENT ONE TREE

Date : 14<sup>th</sup> August 2019 – Till March 2020  
Classes Attended : MCA & MSc students & Faculty  
Number of beneficiaries : 46

### **Objective:**

To instill the importance of planting trees and taking care of them

### **Brief Write up on the Programme:**

As part of the plantation drive initiated by AICTE , " One Student, One Tree" Computer Science (PG) department organised a Plantation Drive near K. Narayanapura, Kothanur, on 14.08.19. students and 6 faculty members participated and 50 tree saplings were planted. The saplings were watered by our department students on a regular basis and ensured that they are not withered or dried out. The students of every class took turns to water the saplings weekly twice.

### **Photos:**



**HOD Dr. Kumar Planting a sapling**





**Dr. Velmurugan Planting a sapling**



**Students with the faculty members**





**The grown sapling watered by one of our students**

**Web URL :**

<https://local.google.com/place?id=14876886711176485059&use=posts&lpsid=1338311656907696541>

Report prepared by

Prof. Vani C

Head of the Department

Prof. Kumar R



## PLASTIC WASTE FREE ENVIRONMENT

Date : 2<sup>nd</sup> October 2019  
Classes Attended : All MCA & MSc students & Faculty  
Number of beneficiaries : 185

### Objective:

To urge the students for the reduction in the usage of plastic at home and also for safe disposal of plastic waste to reduce the harmful effects.

### Brief Write up on the Programme:

All the students and the faculty members of the department consciously reduced the usage of plastic at their individual homes. The students also collected plastic waste from the neighbours and the locality and deposited at the BBMP plastic collection centre in Hennur. The students of our department, collected the plastic waste, properly disposed the same to the respective collection centres and made their home and their living space as "PLASTIC WASTE FREE".

### Photos:



Students depositing Plastic Waste at the collection centre

### Web URL:

<https://local.google.com/place?id=14876886711176485059&use=posts&lpsid=6329407092536429929>

Report prepared by

Head of the Department

Prof. Vani C

Prof. Kumar R



## REPORT ON GREEN COVER OF THE COLLEGE

### Medicinal Garden of Kristu Jayanti College

Date: 6<sup>th</sup> January 2019-27<sup>th</sup> Feb 2019

Classes Attended & Number of beneficiaries: II<sup>nd</sup> and III year B.Sc. BT & MB

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 vetiveroides</i>	White TURMERIC	Bili kus kyas hulla	<i>Lamiaceae</i>
22	<i>Curcuma zeodaria</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</i> (Yellow)			
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>



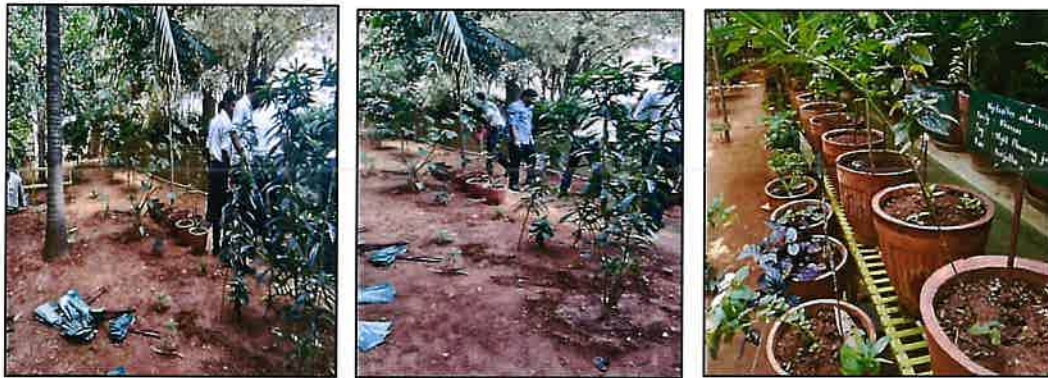


41	<i>Crotalaria retusa</i>	Rettle weed		Legumes
42	<i>Hemigraphis colorata</i>	Tincure plant		Acanthaceae
43	<i>Barleria prionitis</i>	Kantajati		
44	<i>Rhinacanthus nasutus</i>	Snake jasmine		Acanthaceae
45	<i>Vattakaka volubilis</i>	Sneeze Wort		Asclepiadaceae
46	<i>Jasminium rigidium</i>	Crowded-Flower Jasmine		Oleaceae
47	<i>Jatropha maheshwari</i>	Physic nut		Euphorbiaceae.
48	<i>Plantago ovata</i>	Blond psyllium		<u>Plantaginaceae</u>
49	<i>Clerodendrum serratum</i>	Blue fountain brush		Lamiaceae
50	<i>Maranta arundinaceae</i>	Arrow root		Marantaceae
51	<i>Justcia betonica</i>	Squirrel tail		Acanthaceae
52	<i>Nothapodytes nimmoniana</i>	Ghanera	Durvasane mara	Icacinaceae
53	<i>Fragaria ananassa</i>	Strawberry		Rosaceae
54	<i>Aplinia purpurea</i>	Red Ginger, Ostrich Plume		Zingiberaceae
55	<i>Impatiens repens</i>	Yellow Canary Balsam,		Balsaminaceae
56	<i>Centella asiatica</i>	Indian pennywort		Umbellifers
57	<i>Hydrocotyle leucopholea</i>			Apiaceae
58	<i>Indigofera longiracemosa</i>	Indigofera		Fabaceae



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><i>Lamiaceae</i></u>
64	<i>Ocimum tenuiflorum</i>	Holy basil		<u><i>Lamiaceae</i></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 panicutala</i>	Kariyat,	Nelaberu	<i>Acanthaceae</i>
73	<i>Aloe vera</i>	Aloe vera		ASPHODELACEAE
74	<i>Bacopa monnieri</i>	Brahmi,		<i>Scrophulariaceae</i>
75	<i>Leucas matincensis</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





## GREEN POLICIES

We are committed to maintain an eco-friendly green campus and inculcate the idea of sustainable development in the minds of youth and train them in in management of natural resources, energy and waste for a safe and healthy environment for the future.

To achieve these goals, we are committed to

- Maintain a clean, green campus and enhance the green cover
- Promote environmental consciousness among students
- Conserve energy and water
- Segregate, recycle and reuse waste
- Use sustainable materials and reduce plastic
- Control air, water and sound pollution
- Conduct extension activities in the neighbouring villages towards protecting environment and promote health and hygiene.