



**CHRIST**

(DEEMED TO BE UNIVERSITY)

BANGALORE · INDIA



# SDG 7 AFFORDABLE AND CLEAN ENERGY

## ACTIVITY REPORT 2022



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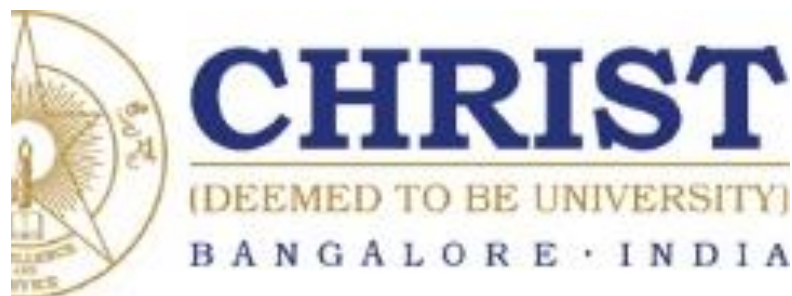
<b>SL.NO</b>	<b>EVENT NAME</b>
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3	Report on detailed Energy Audit
4	Report on i2R an awareness campaign 2022
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6	Rain water and Sewage water treatment unit
7	Urbanisation and water quality issues
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Industrial Visit to Mahatma  
Gandhi Institute of Rural  
Energy and Development

SDG 7: Affordable and Clean Energy

**Dharmaram  
College Post, Hosur  
Road, Bengaluru -  
560029, Karnataka,  
India**



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**School of Sciences  
Department of Physics and Electronics**

**Report on Industrial Visit to  
Mahatma Gandhi Institute of Rural  
Energy and Development**

3J86+M5Q, Srirampura Cross, Rachenahalli, Jakkuru, Bengaluru,  
Karnataka 560064

**Date: 24-04-2023**



The Department of Physics and Electronics, School of Sciences, Christ University has organised an industrial visit to " Mahatma Gandhi Institute of Rural Energy and Development (MGIRED) located in Bengaluru," for 4MPHY students on 24-04.2023 (Monday). As a part of the curriculum, the department of Physics and Electronics provides an opportunity for industrial visits to all the students. Total 30 students visited the industry accompanied by two faculty members along one PhD scholar.

### **About the Institute:**

Mahatma Gandhi Institute of Rural Energy and Development (MGIRED) located in Bengaluru was established in the year 2000 with assistance of Ministry of New and Renewable Energy (MNRE), Government of India and the Rural Development & Panchayat Raj Dept. Government of Karnataka. The main objective was to have a unique Institution to carry out Capacity Building and Awareness Programmes in the areas of Rural Energy and Sustainable Rural Development which will cater to the needs of Karnataka and neighbouring southern states.

The Institute vision is *"To Enhance and Promote the use of Information Technology in the functioning of the Government in order to make the required information available to all citizens and to provide all services in an efficient and hassle-free manner and identified services on an online basis"* and mission is *"To empower the masses, both rural and urban, with improved Service Delivery through web presence, public interaction and transaction thus catering to economic development and resulting in perceivable transformation"*.

MGIRED runs a several state and central training programmes for students, teachers, college students, villagers etc., The following are the list of the training programmes offered:

#### State Training Programme

- Training Programme ZP TP GP Elected Representatives (Karnataka State)
- "Enjoy While You Learn" – Awareness Programme For School Students (Karnataka State)

- Training programme for ZP District Taluk level officers Dy secretaries CEO's State Administrative Service Officers and Executive Engineers (South Indian States)
- Awareness programme for college students (Karnataka State)
- Training programme for members of SHG's NGO's and rural women on renewable energy environment protection and improved cook stoves (Karnataka State)
- Awareness programme for State Officials
- Training programme for ITI students and rural youth to be trained as Solar technicians in coordination with National Level trainers approved by MNRE (Karnataka State)
- Energy Clubs – Schools and Colleges (Karnataka State) Training for rural youth in districts where “Soura Belaku” scheme is implemented by RDPR
- “Training of Trainers” –awareness programme for school teachers and academicians (Karnataka State)
- Awareness Programme for NSS Volunteers and NCC cadets (Karnataka State)
- Walk-through energy assessment of institutions

#### Central Training Programme

- Suryamitra Skill Development Training Programme
- VARUN MITRA – Skill Development Programme
- IRISE – Suryamitra Upskilling Programme

MGRIED has built a Model Heritage Village in order to convince the next generation of Karnataka's village culture, heritage and goodwill. The main purpose of the model village is that, *“although industrialization has brought necessities to our homes in today's modern life, we are not self-sufficient as our ancestors. Nowadays, today's generation children born in the town or city, are unaware of the importance of our villages, agriculture, the heritage, and culture of our country. It is important for our children to understand the significance of this and the meaningful way of life and tradition that our ancestors lived. It is our responsibility to preserve the tradition of our Karnataka through various cultural means”*.

**About the visit:**

MGIRED invited us to attend the Annual Earth Day Celebration which was held on 24<sup>th</sup> April, 2023. The programme was inaugurated by the lighting the electric lamp which was very unique experience. The programme should have been presided by Sri. Manoj Kumar Shukla, IFS, Executive Director, MGIRED, but due to some engagements he couldn't attend the function. Thus, the function was presided by Sri. Santosh Kumar M, Consulting faculty, MGIRED. He gave an introduction about the institute, their training programmes and also gave a talk on renewable energy.

The succeeding session was taken by Dr. Siddappa Shetty, Expert, ATTREE, Bengaluru about Earth and Environment Protection. He gave an overview about his work with the indigenous tribes of the western ghats, and their work. After the talk we were taken to the Energy Park Demonstration. The park was comprised of several energy devices such as Solar cooker, Solar Panel installation for generating electricity, Wind Turbine, Reflectors and many more. The faculty explained all the devices and more over it was an interactive session with the students and they answered all the questions asked by the students.

Lunch was organised by the MGRIED and it was a good meal. After the lunch, there was a talk by Sri. Ravi K., Consulting Faculty, MGRIED about Rain water harvesting. The Annual Earth Day Celebration ended with a feedback session and vote of thanks. Later we all went around the campus and students played some games and by the evening we left for the university.

## People Attended the Industrial Visit

### **Faculties:**

Dr. Nainesh Kantilal Patel (PG Co-ordinator)

Dr. Christie Thomas Cherian (Class Teacher)

### **PhD Fellow:**

Anitha Abraham

### **Students:**

	<b>Material Sciences</b>		<b>Energy Sciences</b>
1.	Aakash A. (2147301)	18.	Pranav Arun (2147310)
2.	Janmajoy Sen 2147306	19.	Rehan Sabu (2147312)
3.	Sourin Sharma (2147319)	20.	Thomas Antony M. (2147322)
4.	Veerabhadra Swamy K. V. (2147325)	21.	Vairabharathi V. R. (2147324)
5.	Vinay Bharadwaj D. S. (2147326)	22.	Ann Liz Charly (2147333)
6.	Washipong Longkumer (2147327)	23.	Flavia Pazhayattil (2147338)
7.	Achsah Paul (2147331)	24.	Harsha B. S. (2147340)
8.	Anagha P Vincent (2147332)	25.	Radhika K. (2147349)
9.	C Benita Christobel (2147335)	26.	Renisha Esther S. (2147350)
10.	Jeena Mariya Sebastian (2147341)	27.	Soumiya R. (2147355)
11.	Jeroni T. (2147342)	28.	Tristha Kanwar (2147360)
12.	Keerthana T. S. (2147344)	29.	Mariya George (2147362)
13.	Mili Sarah Varghese (2147346)		
14.	Santhiya A. (2147352)		
15.	Sruthy M. (2147357)		
16.	Swathi S. (2147358)		
17.	Sukanya Goswami (2147363)		





**Fig 1:** Inauguration of the Annual Earth Day Celebration at MGIRED by lighting the electric lamp



**Fig 2:** Introductory talk by Sri. Santosh Kumar M.



**Fig 3:** Students listening the talk



**Fig 4:** MGIRED faculties explaining about the Solar Panel Installation



**Fig 5:** Solar Panel Installation on the field



**Fig 6:** Solar Cooker



**Fig 7:** Wind Turbine



**Fig 8:** Students and Faculties



**Fig 9:** Students enjoying at the institute





**Fig 10:** Pictures of a model village



SDG 7: Affordable and Clean Energy

**CHRIST (Deemed to be University), Bangalore**  
**Department of Media Studies**  
**Activity Report 2023**  
**Face Painting Stall**

**General Information**

Type of Activity	Face Painting Stall
Title of the Activity	Face Painting on SDG 7: Affordable and Clean Energy
Date	24/08/2023
Time	2:00 - 3:00 pm
Venue	Garden Street, Bangalore Central Campus, Christ (Deemed to be University)
Collaboration/Sponsor	Media Meet Team

**Participants profile**

Type of Participants	All students and staff
No. of Participants	More than 60

**Synopsis of the Activity (Description)**

Highlights of the Activity	<ol style="list-style-type: none"> <li>1. Face painting with designs related to SDG 7 i.e., Affordable and Clean Energy.</li> <li>2. Interactions based on the importance of the mentioned SDG.</li> <li>3. Creating awareness among the participants about how our minor actions in daily life can bring a big change in the environment and society.</li> </ol>
Key Takeaways	<ol style="list-style-type: none"> <li>1. Protecting the environment is our collective responsibility.</li> <li>2. Usage of LEDs instead of bulbs, switching off lights when leaving a room, turning off taps when not in use and many such small actions can make big differences.</li> </ol>
Summary of the Activity	The Department of Media Studies set up a face painting stall in Garden Street as a part of the pre-conference events for the Media Meet 2023. The event revolved around SDG 7: Clean and Renewable Energy and was

	<p>aimed at creating awareness about the same. The designs for the painting included things representative of the same like wind, thunder, water, and plants among others. After getting their faces painted, they also engaged in a conversation with the organizing team who explained more about the SDG. The team members talked about how we can all make small changes in our everyday lives and contribute to creating a society that is powered by sustainable energy.</p>
<p>Follow-up plan</p>	<p>-</p>

Report prepared by: Soumya, 3 MAMCS A







GPS Map Camera

Bengaluru, Karnataka, India

WJM4+QF7, Campus Road, Bhavani Nagar, S.G. Palya, Bengaluru,  
Karnataka 560029, India

Lat 12.934069°

Long 77.606274°

24/08/23 03:03 PM GMT +05:30

Google



## **A REPORT ON DETAILED ENERGY AUDIT**

Study conducted at  
**CHRIST (DEEMED TO BE UNIVERSITY), BANGALORE**

*Study conducted by*

**Department of Electrical and Electronics Engineering  
School of Engineering and Technology,  
CHRIST (Deemed to be University),  
BANGALORE.**

*APRIL, 2021*

## ACKNOWLEDGEMENT

The **Consortium of Energy auditors** are thankful to the **Christ (Deemed to be University), Bangalore** for providing us an opportunity to conduct Baseline audit and for extending their valuable co-operation.

The excellent co-operation, extensive support and valuable help provided by the following persons in carrying out the study, is gratefully acknowledged.

No	Name	Designation
1	Dr. Anil Joseph Pinto	Registrar, Christ (Deemed to be University)
2	Dr. Victor Paul	Head of the Department, Social Work and Sociology
3	Dr. Iven Jose	Dean, School of Engineering and Technology
4	Dr. Manoj B	Associate Professor, Department of Physics and Electronics
5	Dr. Imran Jefri R	Assistant Professor, Department of Physics and Electronics
6	Dr. Vineeth V	Assistant Professor, Department of Physics and Electronics

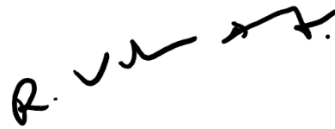
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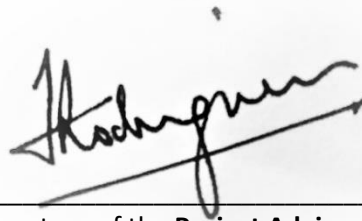
## REPORTING

This is to convey that energy auditing work is carried out in Christ (Deemed to be University) from 22-03-2021 to 28-03-2021. The above work has been done as per the provisions of Bureau of Energy Efficiency and is carried out by the Energy Manager who holds the Certificate of Competency. The information, proposals and recommendations are inked with respect to the reporting format of the Bureau of Energy Efficiency.




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Signature of the Project Coordinator  
(Mr. Venkataswamy R)



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Signature of the Project Advisor  
(Dr. Joseph Rodrigues)



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Signature of the Energy Auditor  
(Mr. Haneesh K M)  
**EA-7313**

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## 1. EXECUTIVE SUMMARY

- This section presents a brief summary of the results of the comprehensive energy audit carried out at Bangalore Central Campus, Christ (Deemed to be University) in March 2021. The study covered with a focus on energy conservation measures including performance assessment of vital energy consuming equipment.
- A team of two consultants were involved in the comprehensive energy audit study. The energy audit was mainly targeted at identifying practical, sustainable and economically viable energy saving opportunities in all sections of the facility, resulting from a detailed study and analyses of technical parameters. The energy audit involved using a wide range of sophisticated, portable, diagnostic and measuring instruments to generate refined data and facilitate in complex analyses to give a more reliable basis for evaluation of performance, energy saving measures and economic viability.
- Electricity & Diesel are the major sources of energy to the facility. The study has identified several energy conservation proposals. The EC proposals paybacks were calculated.
- During the study, there was continuous interaction with the facility personnel, all the recommendations have been thoroughly discussed with concerned facility officials and also at group meetings. There has been close involvement of senior officials, which ensured the necessary co-ordination required for the study.

### 1.1 UNIT DETAILS

<b>Unit Name</b>	Bangalore Central Campus, Bangalore
<b>Unit Description</b>	Educational Institute
<b>Address</b>	Hosur Road, Near Dairy Circle, Bangalore, Karnataka 560029 Phone: 080-40129000 Email: mail@christuniversity.in
<b>Contact Person</b>	Dr. Manoj B, Associate Professor Department of Physics CHRIST (Deemed to be University) Bangalore

	mobile: 9480580090/9108674543 site: www.christuniversity.in email: manoj.b@christuniversity.in
<b>Contract Demand</b>	990kVA/1250 kVA
<b>Client Reference</b>	CUCEA0003

## 1.2 CONSORTIUM DETAILS

<b>Consortium Name</b>	Consortium of Energy Auditors Formed by, Department of Electrical and Electronics Engineering, CHRIST (Deemed to be University), Bangalore
<b>Project Advisor</b>	<b>Dr. Joseph Rodrigues</b> Head of the Department, Department of Electrical and Electronics Engineering, School of Engineering and Technology, Christ (Deemed to be University), Bangalore Email: joseph.rodrigues@christuniversity.in Phone: 9420594564
<b>Consortium Description</b>	Engineering
<b>Address</b>	Kanminike, Kumbalagudu Post, Kengeri Bangalore Web: <a href="https://christuniversity.in/faculty-of-engineering/electrical-and-electronics-engineering">https://christuniversity.in/faculty-of-engineering/electrical-and-electronics-engineering</a>
<b>Energy Auditor</b>	<b>Mr. Haneesh K M</b> <b>EA-4762 (Bureau of Energy Efficiency, Govt of India)</b> Assistant Professor, Department of EEE, Christ (Deemed to be University), Bangalore Email: haneesh.km@christuniversity.in venkataswamy.r@christuniversity.in Phone: +91-7829222446
<b>Consortium Coordinator</b>	<b>Mr. Venkataswamy R</b> Assistant Professor, Department of EEE, Christ (Deemed to be University), Bangalore Email: venkataswamy.r@christuniversity.in Phone: +91-7829222446
<b>Secretarial assistant</b>	Mr. Prakash S
<b>Consortium Reference</b>	CU/EEE/CEA/2021/02



### 1.3 EXISTING MAJOR ENERGY CONSUMING TECHNOLOGY

SL No	Load	Remarks
1	Lighting System	10,136 Nos
2	HVAC System	Total Fans = 3176 Nos Total AC= 253 Nos
3	Motors	Borewell Motors = 6 Nos Pumping Motors = 5 Nos

### 1.4 PROPOSED ENERGY SAVING TECHNOLOGIES WITH COST ECONOMICS

#### 1.4.1 IDENTIFIED TECHNOLOGY UP GRADATION PROPOSALS

SL No	Recommendation	Savings in INR	Investment in INR	Payback in Years
1	Replacing 10% of existing ceiling fans (309 numbers) with BLDC fans	₹ 2,61,752 /year	₹10,21,020	3 years 11 months
2	Installation of 20 kW grid tied solar panels	₹ 2,04,800 /year	₹10,00,000	4 years 11 months
3	AC charging stations for electric vehicles – 2 numbers	-	₹1,20,000	-
4	Replacing 2 low efficiency 5 HP water pumping motors with new ones	₹21,968/Year	₹70,000	3 years 2 months

#### 1.4.2 IDENTIFIED ENERGY SAVING PROPOSALS

SL No	Recommendation
1	Submetering EPM 4600 Power Meter
2	Shutdown when computer terminals are idle
3	Automatic borewell management system
4	Proper temperature settings of Air conditioners
5	All the new lighting installations should be LED lamps
6	All the new installations of Air conditioners should be with higher star ratings

## 2. INTRODUCTION

CHRIST (Deemed to be University) was born out of the educational vision of St Kuriakose Elias Chavara, an educationalist and social reformer of the nineteenth century in South India. He founded the first Catholic indigenous congregation, Carmelites of Mary Immaculate (CMI), in 1831 which administers CHRIST (Deemed to be University).

Established in 1969 as Christ College, it undertook path-breaking initiatives in Indian higher education with the introduction of innovative and modern curricula, insistence on academic discipline, imparting of Holistic Education and adoption of global higher education practices with the support of creative and dedicated staff. The University Grants Commission (UGC) of India conferred Autonomy to Christ College in 2004 and identified it as an Institution with Potential for Excellence in 2006. In 2008 under Section 3 of the UGC Act, 1956, the Ministry of Human Resource Development of the Government of India, declared the institution a Deemed to be University, in the name and style of Christ University. One of the first institutions in India to be accredited in 1998 by the NAAC, and subsequently in 2004 and 2016, CHRIST (Deemed to be University) has the top grade 'A' in the 4-point scale.

The multi-disciplinary University which focuses on teaching research and service offers Bachelors to Doctoral programmes in humanities, social sciences, science, commerce, management, engineering, education, and law to over 25000 students. The campus is a living example for the harmonious multiculturalism with students from all the states of India and around 60 different countries. CHRIST (Deemed to be University) publishes six peer-reviewed research journals and has published more than 300 books in Kannada and English. A promoter of sports, music and literary activities, it is a nurturing ground for creative excellence. The institute offers UG, PG and Ph. D programs.

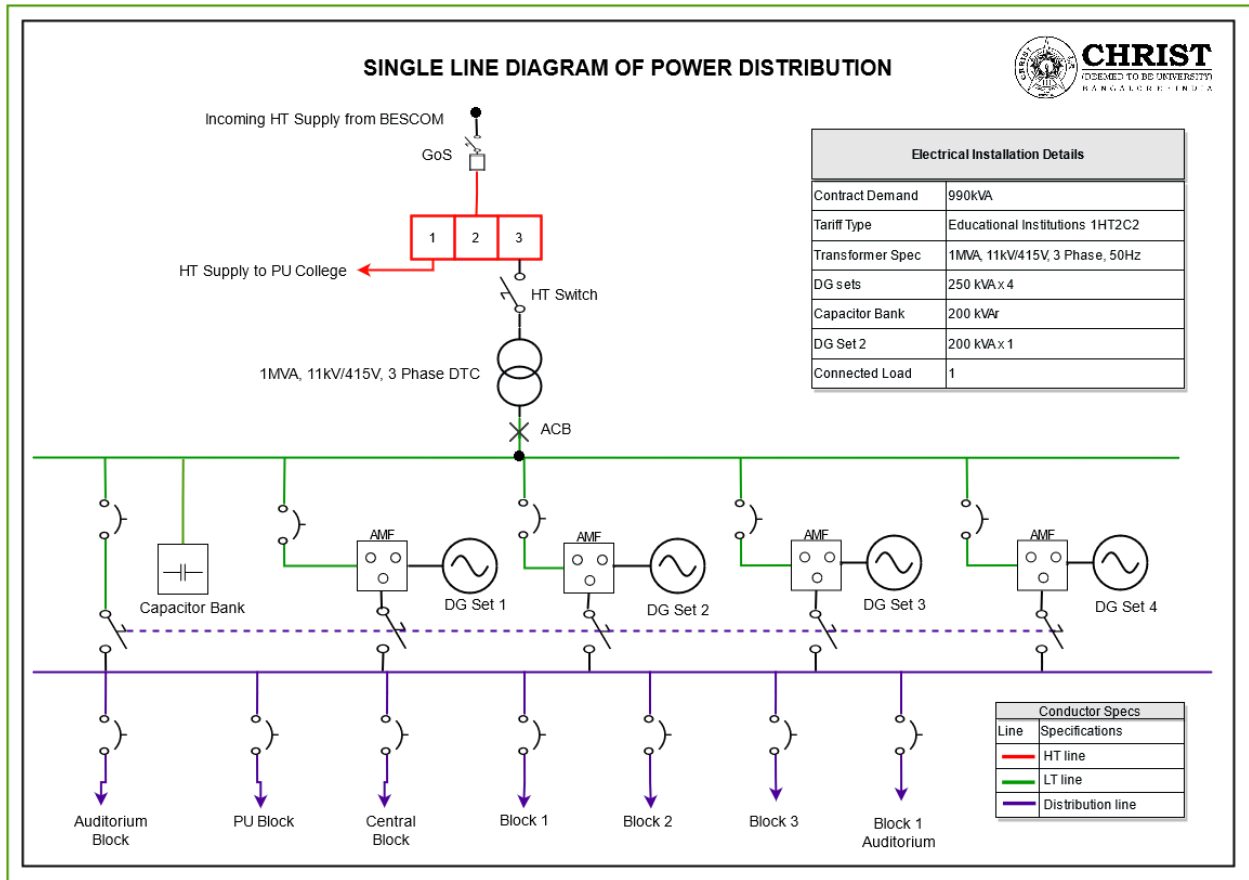
The campus has seven schools, namely,

1. School of Arts and Humanities
2. School of Business Management
3. School of Commerce, Finance and Accountancy
4. School of Education
5. School of Law
6. School of Sciences
7. School of Social Sciences

### 3. FACILITY OVERVIEW

The campus has the following blocks. The major load in the campus are lighting, computer terminals, fans, AC, borewell and pumping motors.

Block I Built-up area 7645 square meters	25-Classrooms, 13 - Laboratories, 10 - Staff Rooms Mini auditorium, 2 - Separate Wash-rooms for men and women in each floor Staff Club, 4 - Offices of Deans, Placement Office – Undergraduate, 2 - Counselling Rooms, Gymnasium for women Office of Student Welfare and Activity room, With lift facility and ramp
Block II Built-up area 11774.5 square meters	47 - Classrooms, 10 - Laboratories, 36 - Faculty Cabins, 10 - Staff Rooms, 2 - Separate Wash-rooms for men and women in each floor 9 - Counselling Rooms, Seminar Halls, Assembly Hall, Panel Rooms, Centre for Digital Innovation, On-line test centre, With lift facility and ramp
Undergraduate Library 1443 square meters	Reference Section 2 - Stock area, 2 - Reading room Archives section, Reprography, Auditorium with a capacity of 2000+ with all modern, amenities, barco and barco-lighting projector/camera, with wide lounge and 2 - green rooms, With lift facility and ramp
Auditorium Block 8532 square meters	19 - Classrooms, Media and Computer Laboratories, 37 - Faculty Cabins, 2 - Separate Wash-rooms for men and women in each floor, Valuation Centre, Research Centre, 3 - Seminar Halls, IVY Hall Student Centre – 2 – Refreshments, Reprography and reading area Centre for Academic Excellence- 80 accommodation facility, for staff training programmes, South Indian Bank – Christ University Branch and ATM, 2 - Dance Floor, 3 -Music Rooms, Cafeteria, With lift facility and ramp.
Block III 1770 square meters	7 - Classrooms, 18 - Faculty Cabins, 2 - Separate Wash-rooms for men and women in each floor 8 - Research cabins, With lift facility and ramp
Block IV Basement 2653 square meters	Multipurpose hall , 5- varieties of refreshment stalls, Study area and place for group discussions and exhibit area for departmental needs, With lift facility and ramp.
Block IV Academic area 17174 square meters	69 - Classrooms, 120 - Faculty Cabins, 2 - Hotel Management Kitchen/Service Lounge (Dining Hall) /storage area Separate Wash-rooms for men and women in each floor Conference Halls, Auditorium – 800 seating capacity, With lift facility and ramp.
Central Block Basement 3500 m <sup>2</sup>	120 - Four wheeler parking facility exclusive for faculty members, With lift facility and ramp.



#### 4. ENERGY SOURCES

SL No	Source	Specification	Remarks
1	BESCOM	990 kVA (Contract demand) 842 kVA (Billing demand) HT2C Tariff Scheme, Through 1MVA DT	85% of CD is BD
2	DG set	250 kVA 200 kVA	4 Unit (DG Room) 1 Unit (Labor quarters)

SL No	Source	Specification	Remarks
1	BESCOM	1250 kVA (Contract demand) 1063 kVA (Billing demand) HT2C Tariff Scheme, Through 1MVA DT	85% of CD is BD
2	DG set	250 kVA 200 kVA	4 Unit (DG Room) 1 Unit (Labor quarters)

## 5. RENEWABLE SOURCES

SL No	Source	Specification	Total
1	Solar water heater	5 units * (2500 Lts)	12500 Lts

## 6. CONTROL ROOM



Figure 1. Main control panel



Figure 2. DG Sets at control room

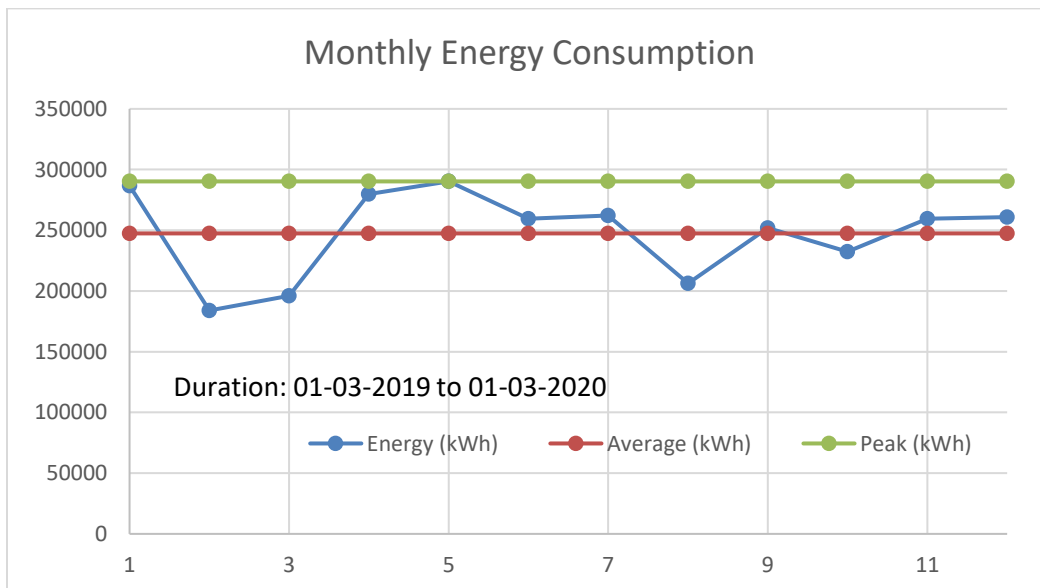


Figure 3. Capacitor bank (APFC)

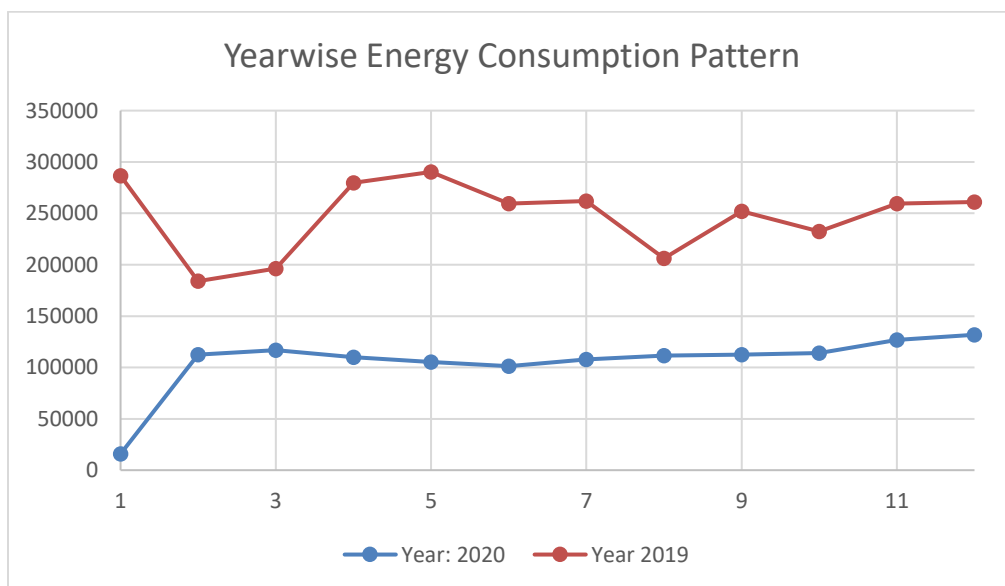
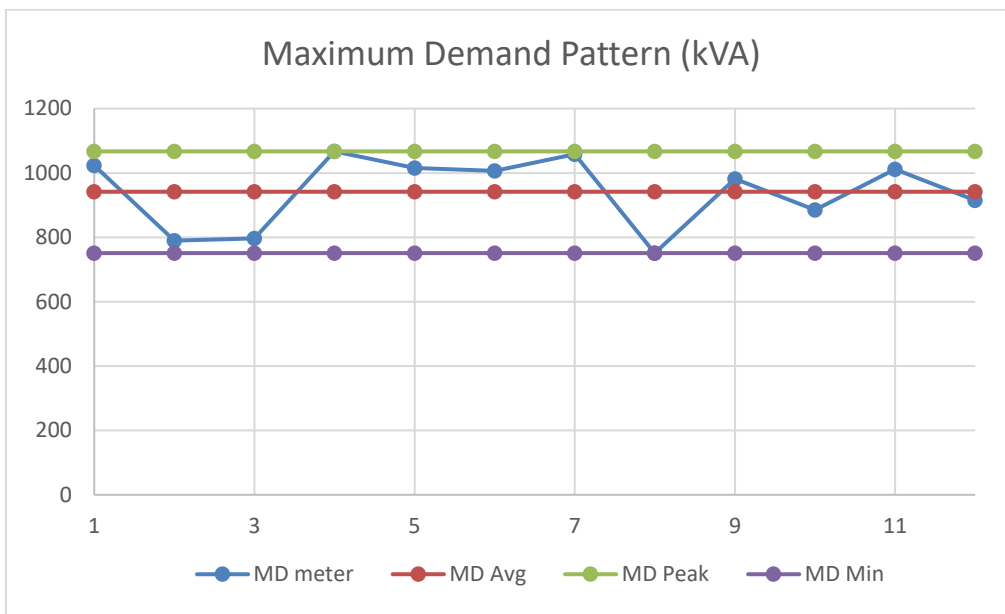
## 7. ENERGY CONSUMPTION

### 7.1 MONTHLY ENERGY CONSUMPTION

Duration considered: 01-03-2019 to 01-03-2020



Average Energy	247443.34 kWh
Minimum Energy	183990 kWh (May 2019)
Maximum Energy	290280 kWh ( March 2019)
Standard Deviation	21722.34 kWh
Correlation of 2019 and 2020	-

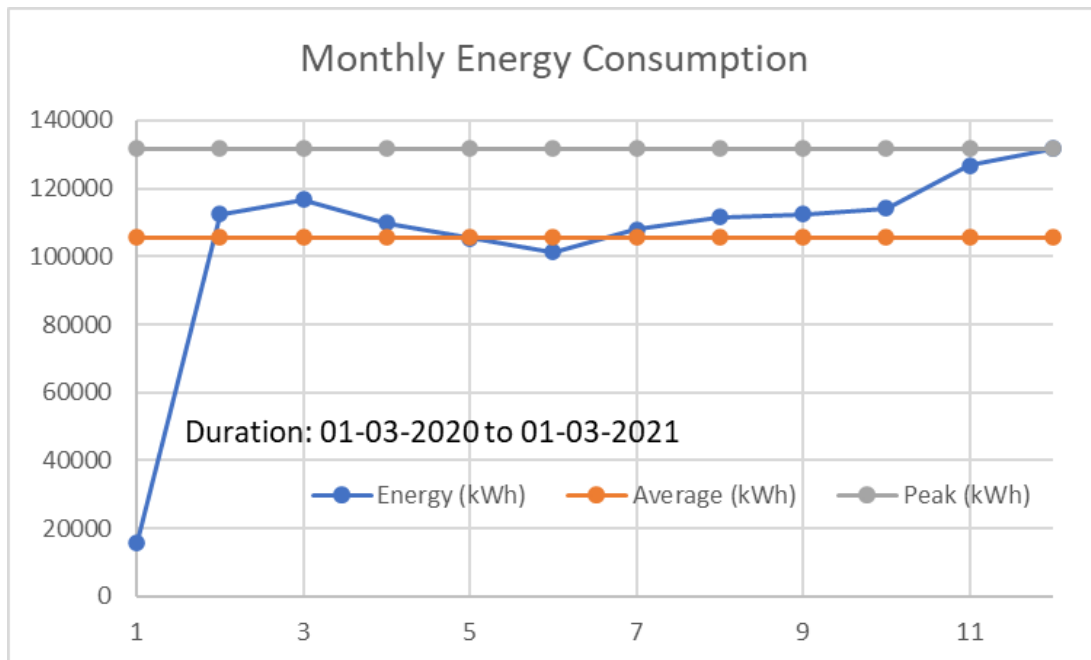


### Electrical Energy Consumption of facility 2019-20

**Total build up area:** 67785.7 sq.m

Month and Year	RMD (kW)	Energy (kWh)	Power factor	Bill Amount	SEC (kWh/sq.m)
01-03-2019	1023	286580	0.99	2528444.43	4.23
01-04-2019	790	183990	1	1689744.68	2.71
01-05-2019	797	196140	1	1791932.95	2.89
01-06-2019	1067	279810	0.99	2592514.93	4.13
01-07-2019	1015	290280	0.99	2665049.88	4.28
01-08-2019	1006	259430	0.99	2393763.08	3.83
01-09-2019	1058	262100	0.99	2424507.03	3.87
01-10-2019	751	206260	1	1887798.85	3.04
01-11-2019	982	251960	0.99	2307217	3.72
01-12-2019	885	232340	0.99	2098849.39	3.43
01-01-2020	1011	259460	0.99	2355918.15	3.83
01-02-2020	915	260970	0.99	2346790.13	3.85
<b>Average</b>	<b>941.67</b>	<b>247443.33</b>	<b>0.99</b>	<b>2256877.54</b>	<b>3.65</b>

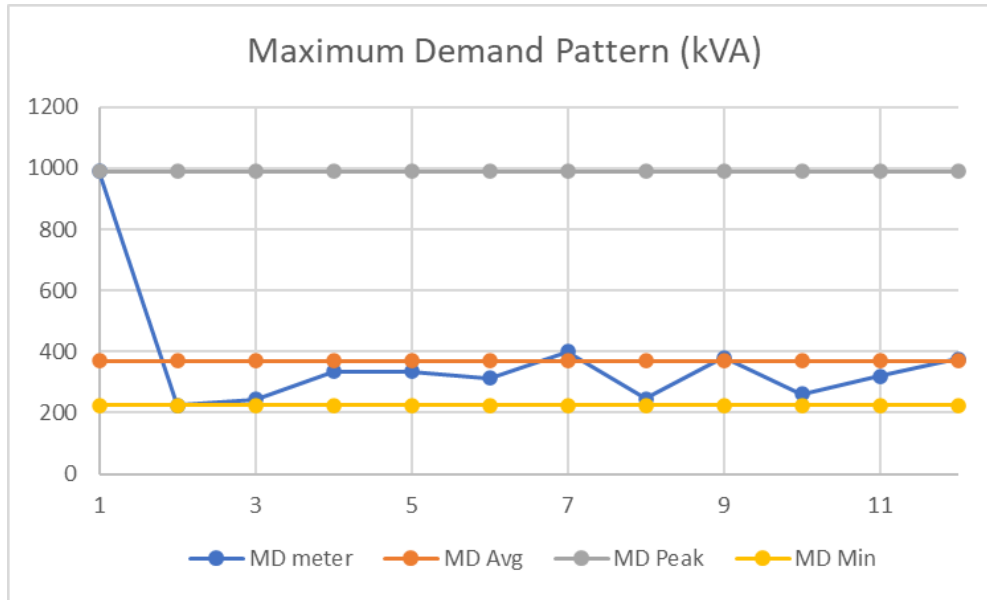
**Duration considered:** 01-03-2020 to 01-03-2021



Average Energy	105530.84 kWh
Minimum Energy	15880 kWh (Jan 2020)



Maximum Energy	131812.5 kWh (Dec 2020)
Standard Deviation	28215.74 kWh
Correlation of 2019 and 2020	-

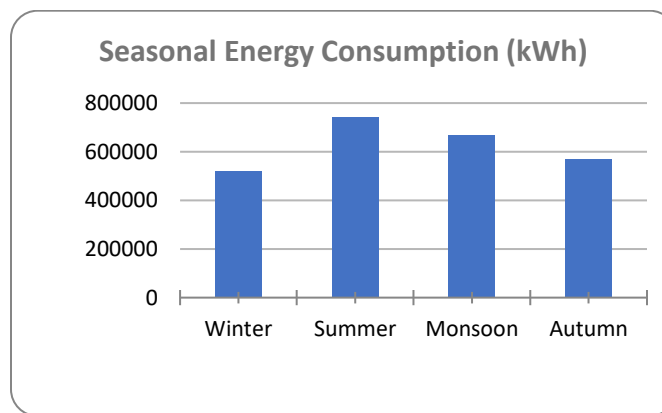


Electrical Energy Consumption of facility 2020-21					
Total build up area:		67785.7 sq.m			
Month and Year	RMD (kW)	Energy (kWh)	Power factor	Bill Amount	SEC (kWh/sq.m)
01-03-2020	989	15880	0.9	799745.02	0.23
01-04-2020	225	112485	1	1080479.13	1.66
01-05-2020	243	116730	1	1114152.85	1.72
01-06-2020	335	109957.5	0.99	1079663.67	1.62
01-07-2020	336	105307.5	0.99	1041364.29	1.55
01-08-2020	314	101332.5	0.99	1004520.05	1.49
01-09-2020	401	107902.5	0.99	1063952.57	1.59
01-10-2020	247	111630	0.99	1093604.47	1.65
01-11-2020	380	112417.5	0.99	1119345.19	1.66
01-12-2020	261	114187.5	0.99	1126917	1.68
01-01-2021	320	126727.5	0.99	1229358.38	1.87
01-02-2021	377	131812.5	0.99	1271048.69	1.94
<b>Average</b>	<b>369</b>	<b>105530.83</b>	<b>0.98</b>	<b>1085345.94</b>	<b>1.56</b>

## 7.2 SEASONAL ENERGY CONSUMPTION

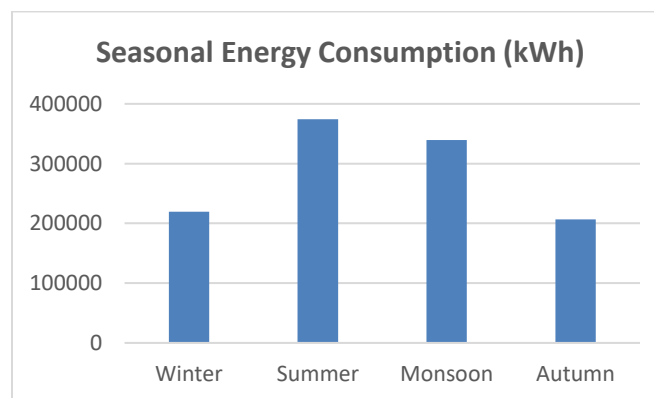
Duration considered: 01-03-2019 to 01-03-2020

Season	Energy (kWh)	No of Months
Winter	521540	3
Summer	743760	3
Monsoon	666710	4
Autumn	570090	2



Duration considered: 01-03-2020 to 01-03-2021

Season	Energy (kWh)	No of Months
Winter	219542.5	3
Summer	374455	3
Monsoon	339172.5	4
Autumn	206640	2



### 7.3 DAILY ENERGY CONSUMPTION

Duration considered: 01-03-2019 to 01-03-2020

Average daily consumption = 247443.34 kWh with a standard deviation of 33792.34 kWh.

Duration considered: 01-03-2020 to 01-03-2021

Average daily consumption= 105530.83 kWh with a standard deviation of 29470.38 kWh.

## 8. DTC AND LOAD MANAGEMENT

Duration considered: 01-03-2019 to 01-03-2020



Figure 4. Distribution Transformer

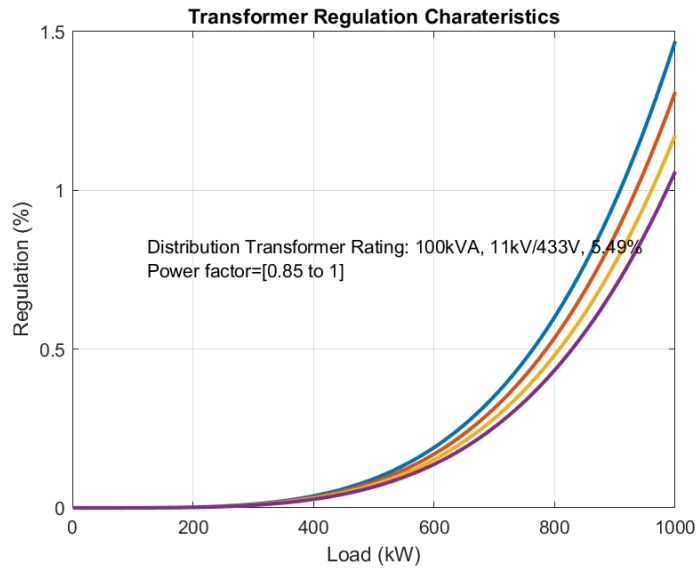
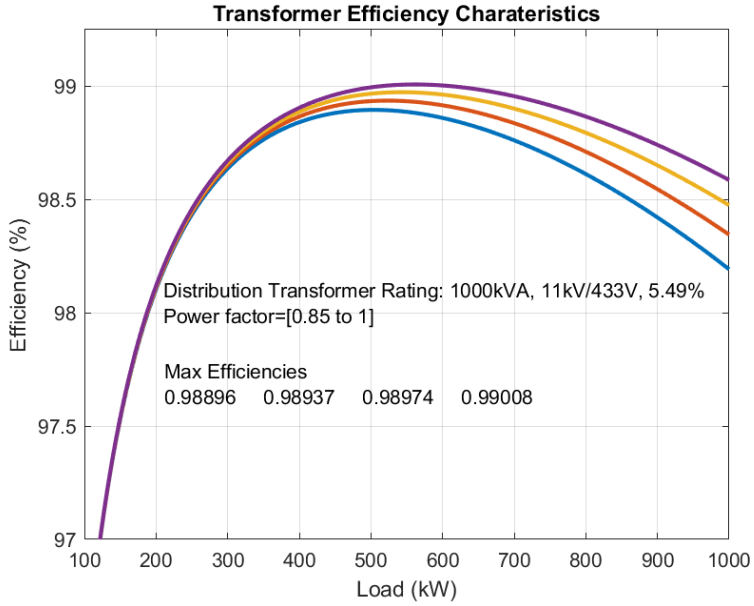
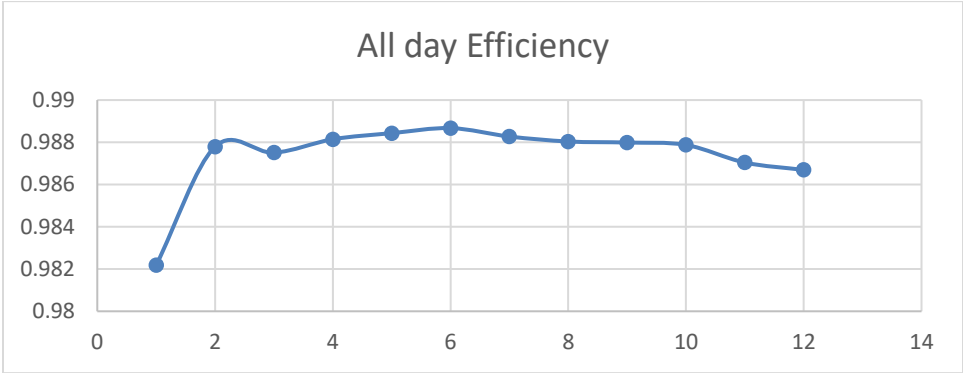
DTC Rating	1000 kVA
Voltage	11kV/433V
Percentage Impedance	5.49
Taps	16
Configuration	Detla-Wye

Average Load	687.34 kW
Power factor	0.99
Loading	687.34 kW
Efficiency	97.78%
All the efficiency	97.78%
Best Efficiency	98.255%
Best Efficiency Loading	511 kVA



**Duration considered: 01-03-2020 to 01-03-2021**

DTC Rating	1000 kVA
Voltage	11kV/433V
Percentage Impedance	5.49
Taps	16
Configuration	Delta-Wye
Average Load	687.34 kW
Power factor	0.99
Loading	293.14 kW
Efficiency	98.73%
All the efficiency	98.73%
Best Efficiency	98.86 %
Best Efficiency Loading	281 kVA

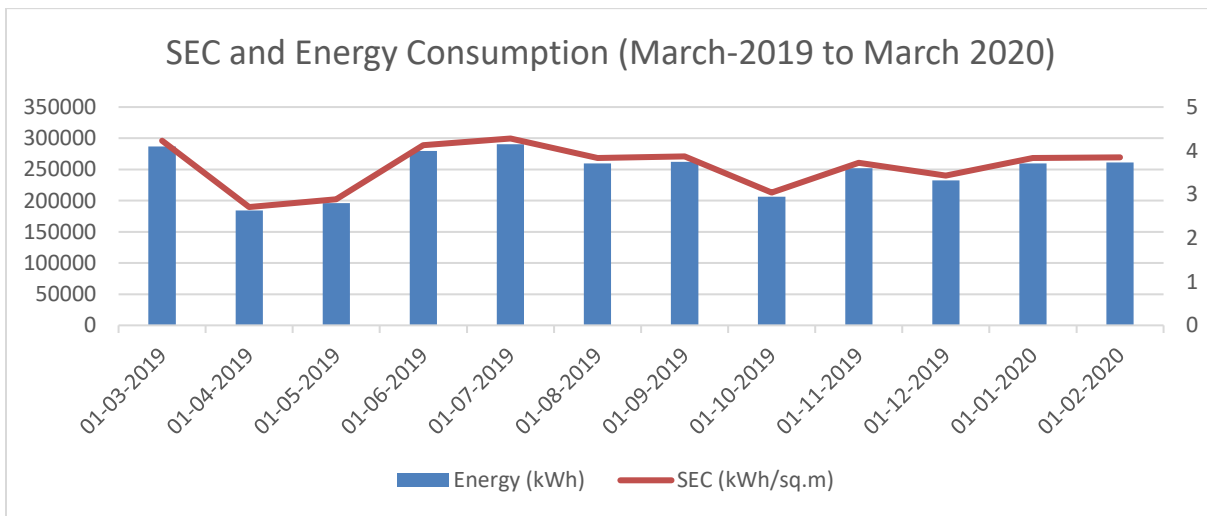


## 8.1 PRODUCTION SCENARIO

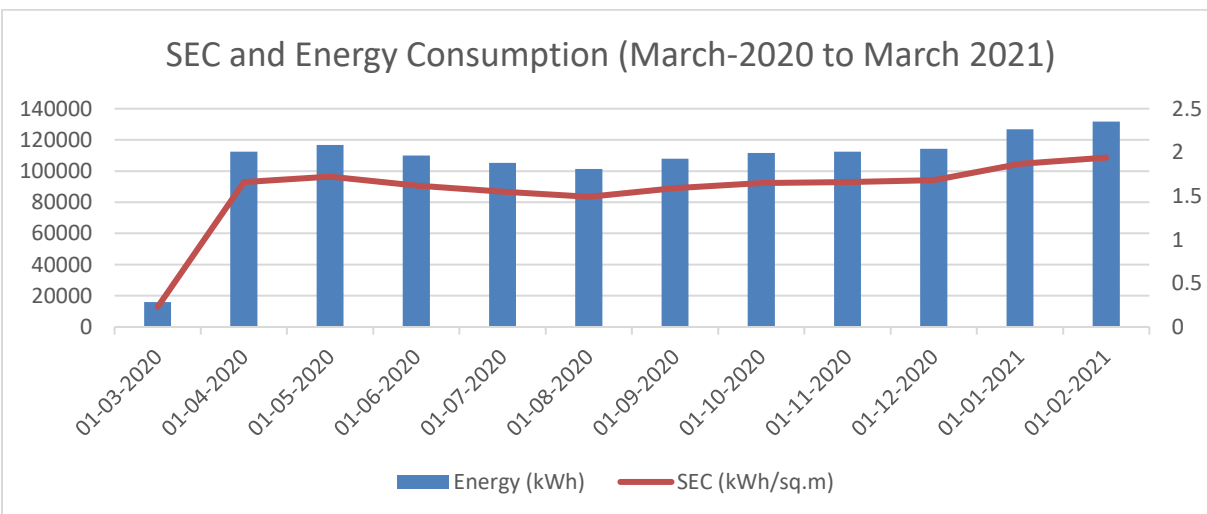
SL No	Month and Year	Production	Unit or Remarks
1	01-03-2019 to 01-03-2020 & 01-03-2020 to 01-03-2021	Nil	No product manufacture or development.

## 8.2 SPECIFIC ENERGY CONSUMPTION

Duration considered: 01-03-2019 to 01-03-2020

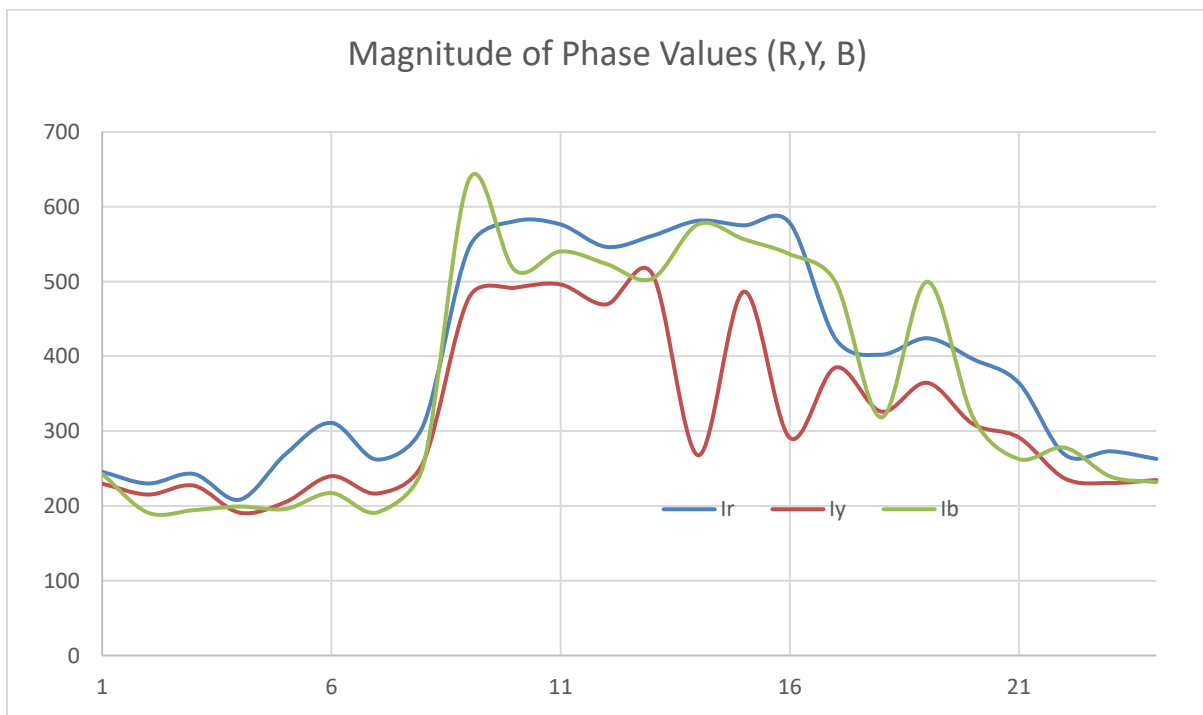
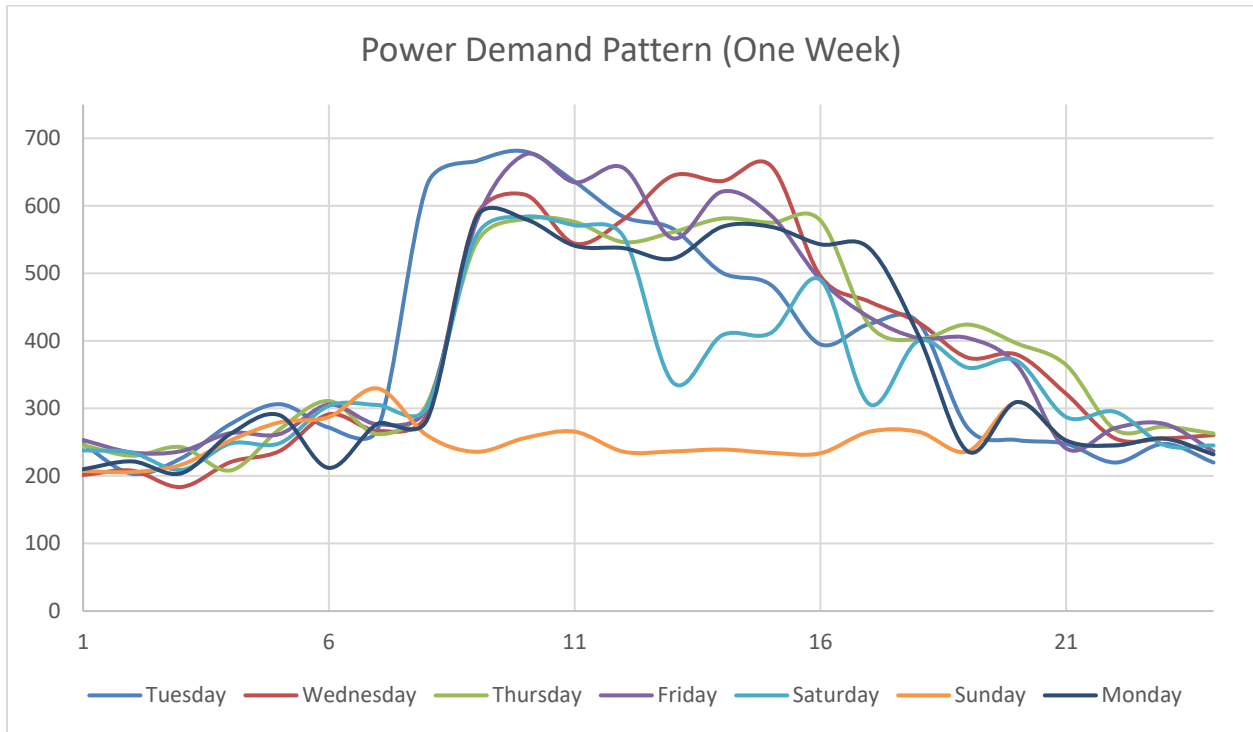


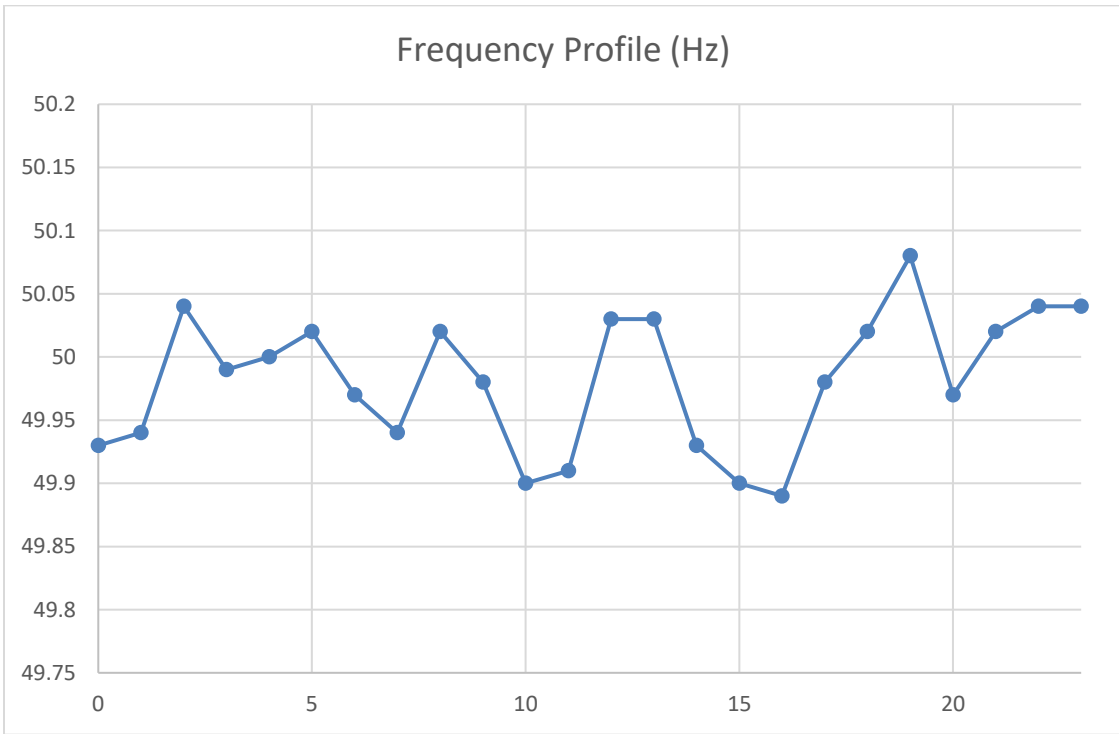
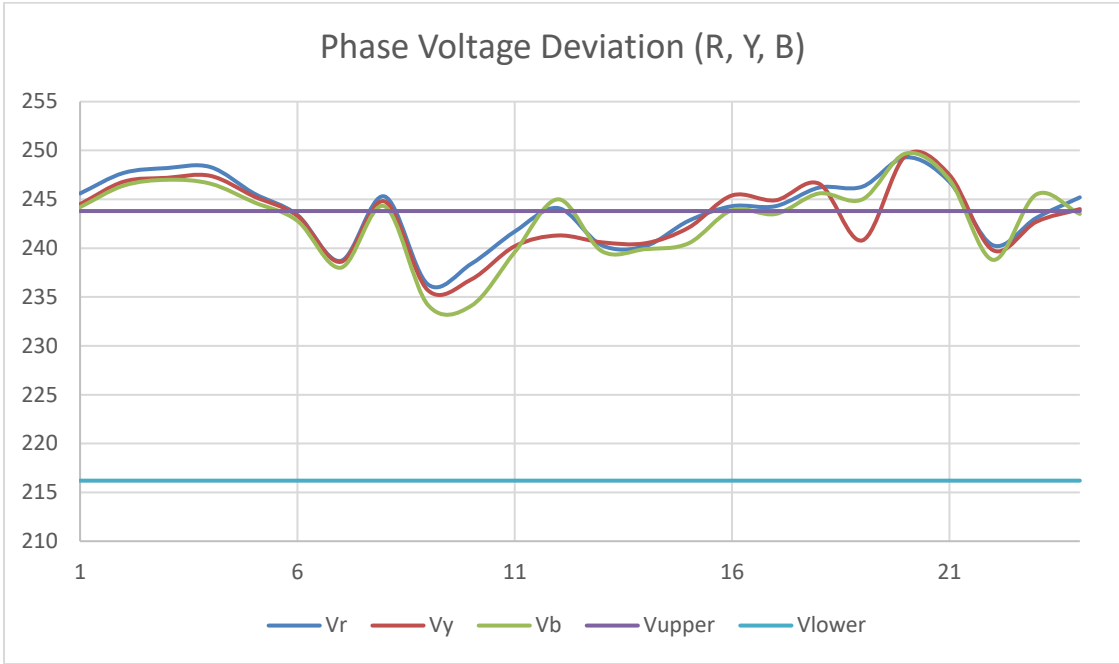
Duration considered: 01-03-2020 to 01-03-2021



## 9. POWER QUALITY AND FLOWS

Seven days voltage, current and power factors are measured for each phase. Measured values are analyzed. The measured sample data is given in Annexure VI.



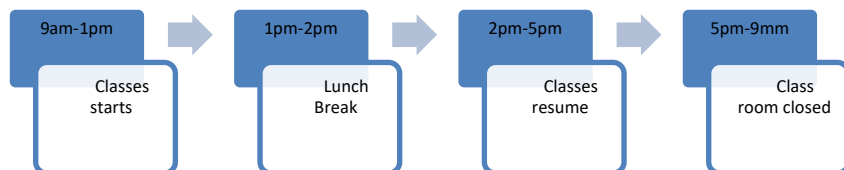




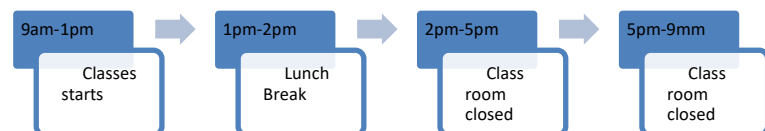
## 10. PROCESS FLOW DIAGRAM

As stated earlier, the process cycle connected to energy consumption depends on the time table and working hour or active time in the campus. The following time diagrams gives the correlation of energy.

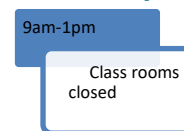
**During weekdays:**



**On Saturday:**



**On Sunday/Holidays:**



## 11. IDENTIFIED TECHNOLOGY UP GRADATION PROPOSALS

<b>MD demand controller</b>	
<b>Present Status</b>	Nil
<b>Observations</b>	It is observed that, MD value increased to 398 (Year 2019) (Billing demand was 340). This resulted in increased cost of Rs. 12,180/- (Rs 210 per unit RD)
<b>Proposed Modification</b>	Installation of MDC. Shift non-essential load to off peak hours.
<b>Saving</b>	Monetary Saving= Extra load x Months x Rs. 210/kVA = 20kVA*12*210 = 50,400/-
<b>Investment</b>	MDC cost = Rs. 30,000/- x 4 = 1,20,000/-
<b>Payback:</b>	<b>2.3 Years</b>

<b>BLDC Fan</b>	
<b>Present Status</b>	
Not installed	
<b>Observations</b>	
There are 2582 conventional ceiling fans are installed whose wattages is 65W.	
<b>Proposed Modification</b>	
Replacement 10% of available 65W ceiling fan with BLDC fan of 28W.	

	Normal Fan	BLDC Fan
Approximate Cost	₹ 1600	₹ 3300
Consumption of power	75 Watts	28 Watts
Hourly Consumption	0.075 units	0.028 units
Daily consumption (8 hours per day)	0.6 units	0.224 units
Yearly consumption (250 days per year)	150 units	56 units
Cost (₹ 9 per unit)	₹ 1350	₹ 504
Yearly savings	₹ 846	
Payback period	3.9 years	
Total Number of Fans available now	3094	
If 10% of fans replaced every year, investment needed	₹10,21,020	
Savings on energy bill per year	₹ 2,61,752	
Payback period	3 years 11 months	

<b>Solar grid tied system</b>	
<b>Present Status</b>	
Nil	
<b>Observations</b>	
Roof top area available in all the blocks + Gallery area in the ground near the gate	
<b>Proposed Modification</b>	
Installation of 20 kW solar PV grid tied system	
<b>Saving</b>	
<b>There will be gain of revenue.</b>	
<b>Investment</b>	
<a href="https://www.tatapowersolar.com/">https://www.tatapowersolar.com/</a>	
<b>Payback</b>	
Depending upon the size of installation and agreement between the utility.	
Cost of 1 kW Solar PV unit (Average)	Rs. 55,000
Units per day (Average) kWh	4 units

Cost of electricity generated per year 320 days per year @ Rs 8/unit from 20 kW panels	₹ 2,04,800	
Investment @₹ 50,000/kW	₹ 10,00,000	
Payback period	4 years 11 months	
CO2 emissions	7kg/kWh of grid electricity	50g/kWh for solar panel

<b>AC Charging stations for four wheelers</b>	
<b>Present Status</b>	
Nil	
<b>Observations</b>	
To meet future needs of electrical vehicles of university and support some emergency needs of faculty/students/parents	
<b>Proposed Modification</b>	
Installation of 2 AC charging stations in the campus	
<b>Saving</b>	
<b>Savings will be in there in terms of carbon emissions</b>	
<b>Investment</b>	
2 units @₹60,000 = ₹1,20,000	
<b>Payback</b>	
Direct calculation is not possible	

<b>Replacing two low efficiency 5 HP pumping motors with high efficiency ones</b>	
<b>Present Status</b>	
The pumping efficiency of two motors are low (around 70%) due to aging and heating. These needs to be replaced with high efficiency ones	
<b>Observations</b>	
New high efficiency motors offer around 90% efficiency	
<b>Proposed Modification</b>	
Replacement of two 5HP motors with higher efficiency motors	
<b>Saving</b>	
Present 5HP motors running 5 hours daily, consuming around 5965 units of electricity (with 70% efficiency, 320 days per year), higher efficiency motors will be consuming only 4592 units of electricity per year. (@90%, 320 days per year). @8/kWh this saving on bill will be ₹10,984/Motor. For two motors, savings per year will be ₹21,968	
<b>Investment</b>	
2 units @₹35,000 = ₹70,000	
<b>Payback</b>	
3 years 2 months	

## 12. IDENTIFIED ENERGY SAVING PROPOSALS

- Shutdown when computer terminals are idle
- Automatic borewell management system
- Proper temperature settings of Air conditioners
- All the new lighting installations should be LED lamps
- All the new installations of Air conditioners should be with higher star ratings

### AREA: Shutdown when computer terminals are idle

#### Notes

All the computers are enabled with energy saving mode. That is, system should shut down when there is no activity or idle.

Note: Server machines should not be configured for energy saving mode.

### AREA: Automatic borewell management system

#### Notes

All the motors should be enabled with water level sensor both at overhead tank and underground. If underground water is available and overhead tank is empty, then only it has to pump water from underground and to overhead tank.

Pumps should be scheduled at off-peak time so that peak load issue would not arise.

## 13. BEST PRACTICES AND STANDARDS

### Constitution of Energy Management Cell

#### Notes

This cell is responsible for developing policies, monitoring and reviewing all the energy management activities

### Rolling out energy management manual

#### Notes

This manual describes the roles and responsibilities of stakeholders and describes the standard energy management procedures to follow

### Awareness campaigns and rewards

#### Notes

Regular awareness campaigns on energy management to students and staff. Also rewards for top performing divisions or units

## AREA: Submetering

### Notes

Floor wise and wing wise electrical functional parameters acquisition would transform the system to smart system. Smart system provides automated control and monitoring system.

### Recommended: EPM 4600 Power Meter



Simple space and cost saving installation with the capability of measuring 8 – Three phase or 24 – Single phase inputs

## Standardization of naming and use of tags in wirings

### Notes

1. Use pegs to mark the route of underground cables
2. Use identification tags to mark the wires and cables
3. Display danger boards in HT control panels

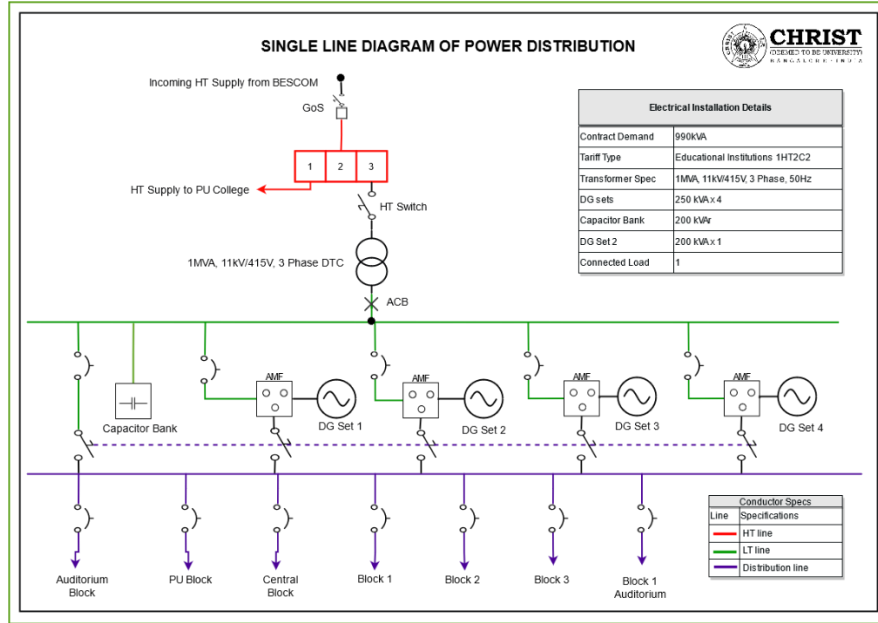
## 14. CONCLUSIONS

Presently, the average annual energy consumption is 2969320 units and 1266370 units in 2019-20 and 2020-21 respectively. Institution is paying 27082530.5 rupees and 13024151.31 rupees as bill amount in 2019-20 and 2020-21 respectively. Short-, medium- and long-term proposals are given so that the energy consumption from utility comes down to 5%. Advanced technical deployments recommended for an institution transforming towards smart campus.

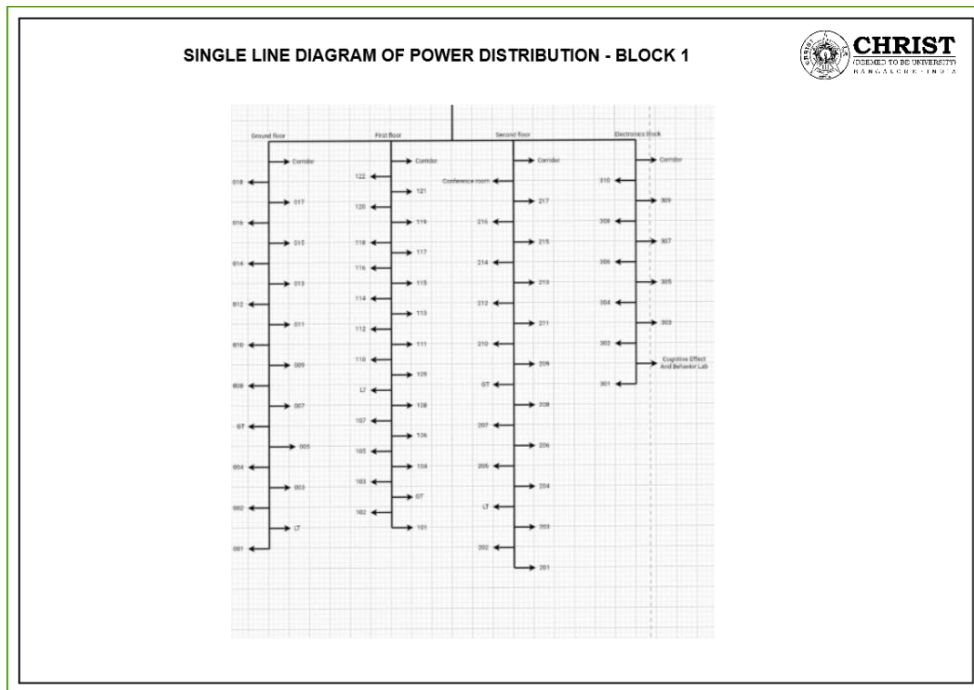
# ANNEXURES

## ANNEXURE I: SINGLE LINE DIAGRAMS

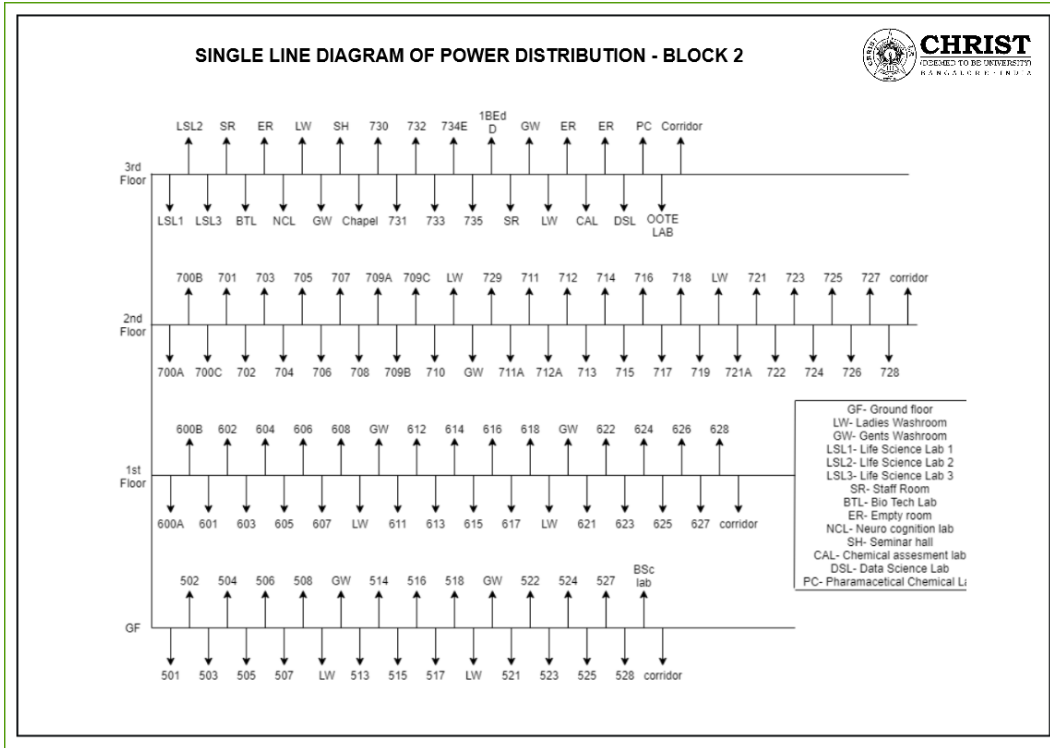
### MAIN SLD:



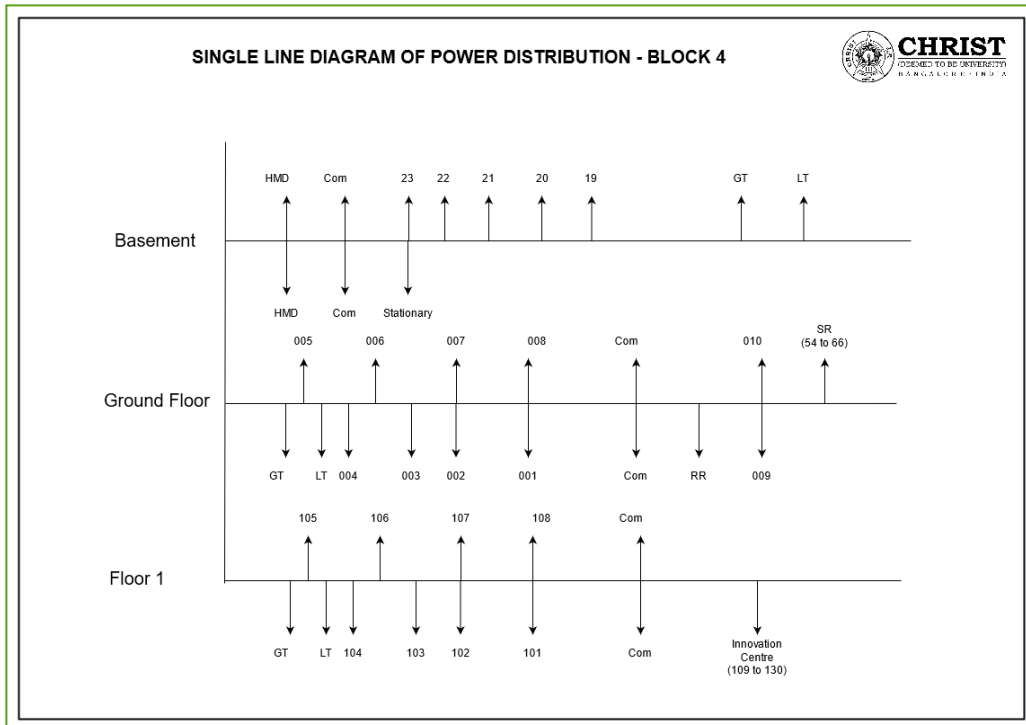
### BLOCK 1:



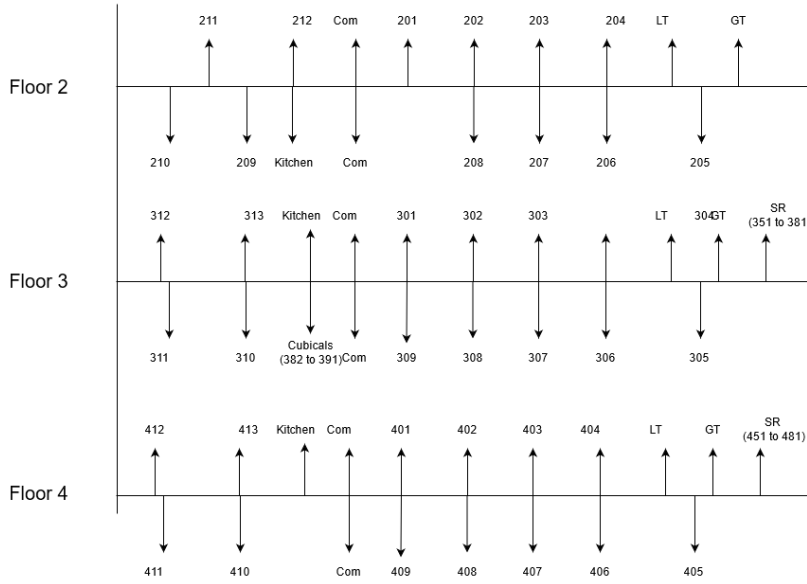
**BLOCK 2:**



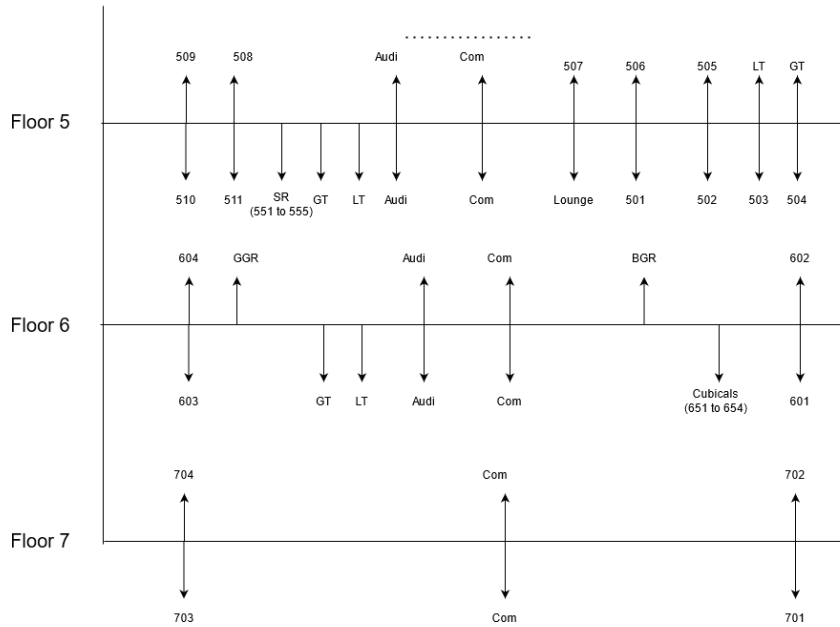
**BLOCK 4:**



**SINGLE LINE DIAGRAM OF POWER DISTRIBUTION - BLOCK 4**

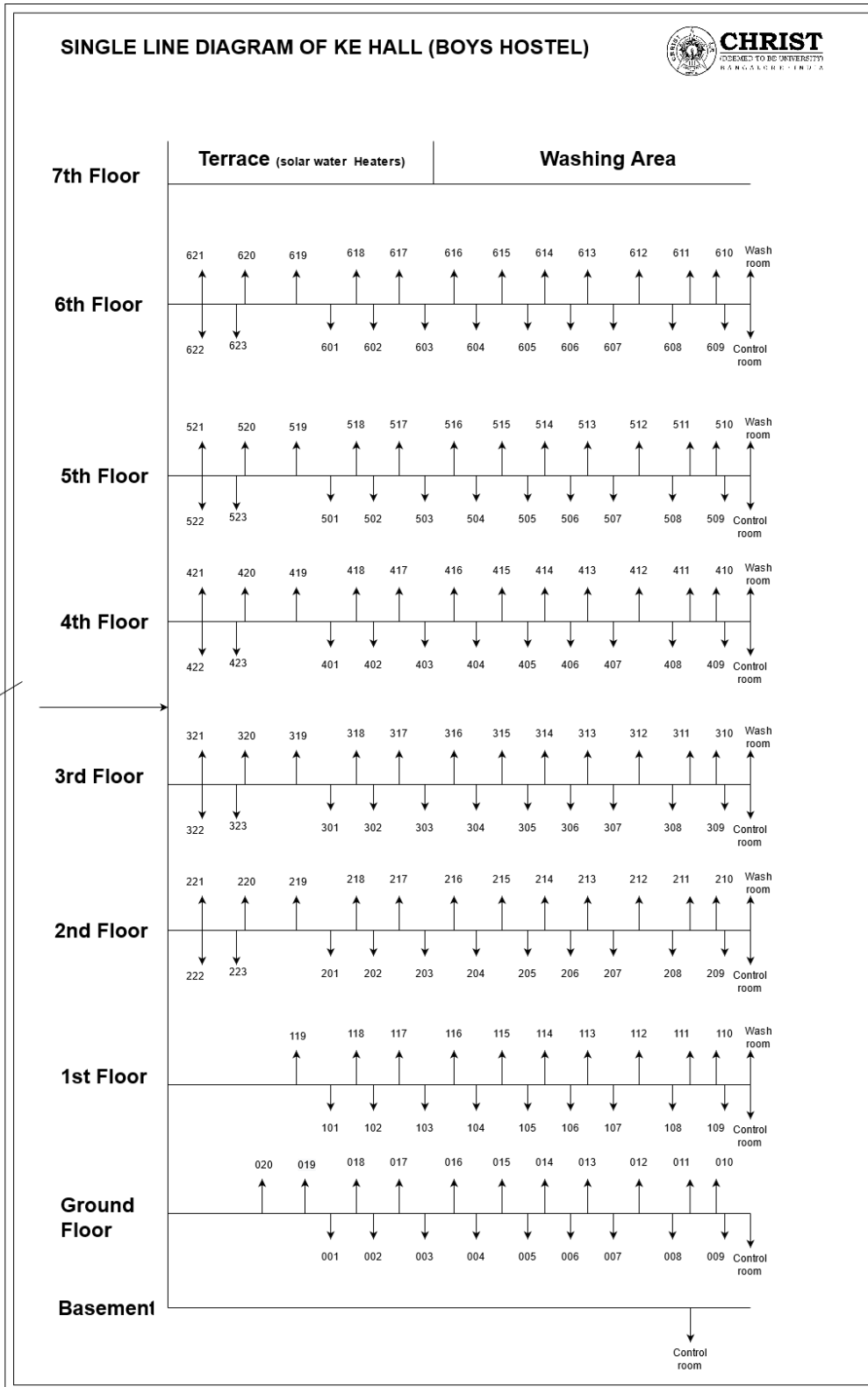


**SINGLE LINE DIAGRAM OF POWER DISTRIBUTION - BLOCK 4**

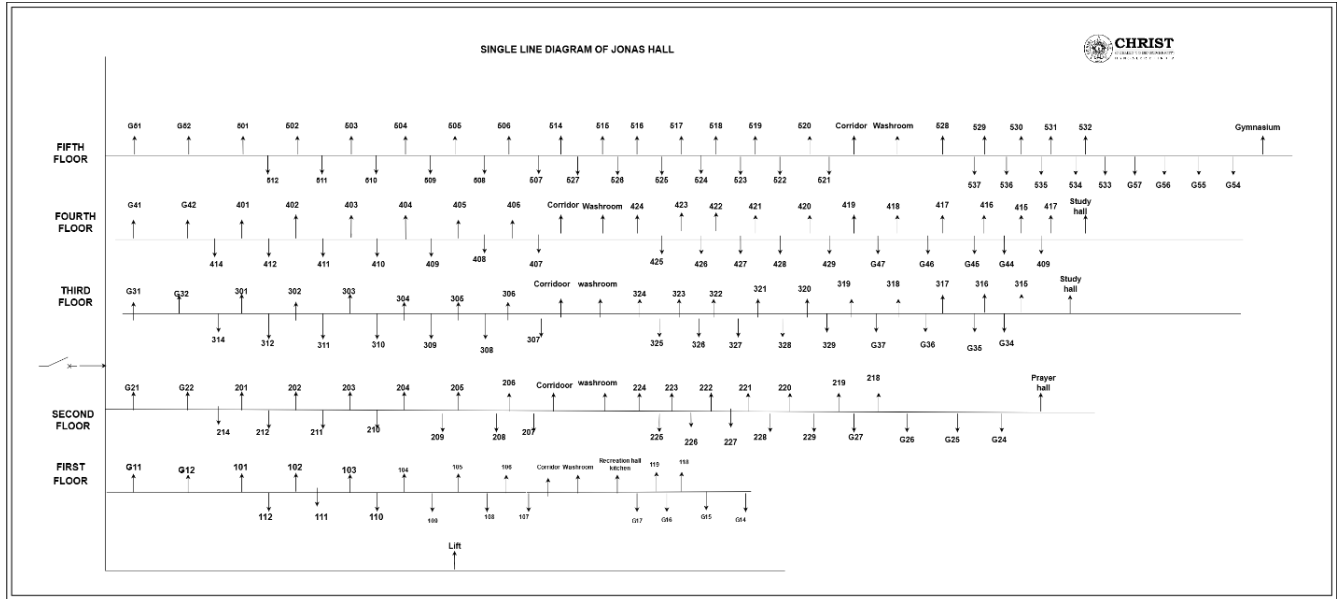




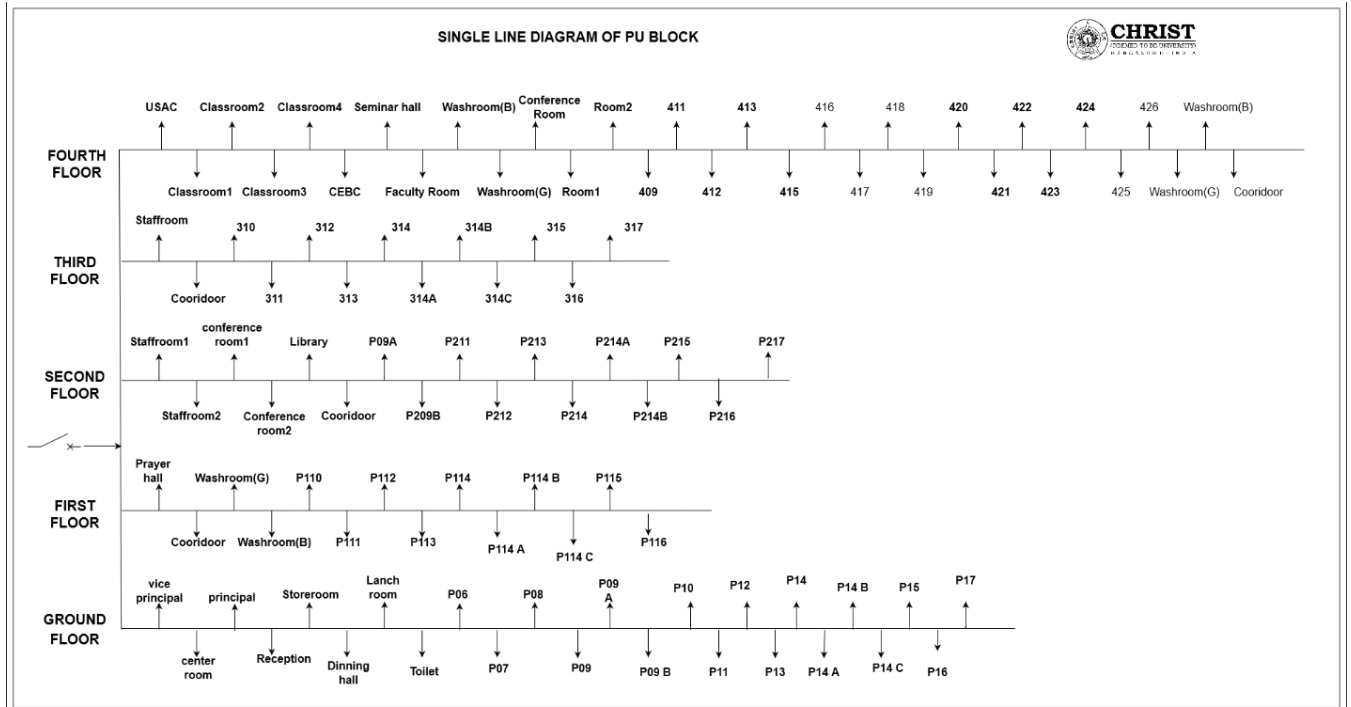
**KE BLOCK:**



# JONAS HALL:



# PU BLOCK:



## ANNEXURE II: TARIFF DETAILS

Tariff Code: 1HT2C2

### Description

Particulars	Existing Tariff as per Tariff Order-2017	Approved as per Tariff Order 2018
Demand Charges (DC)per KVA	Rs.200/-	Rs.210
0 to 1 Lakh KWH	665 Ps	685 Ps
Above 1 Lakh KWH	705 Ps	725 Ps

<https://bescom.karnataka.gov.in/page/Customer+Relations/BESCOM+Tariff/en>

## ANNEXURE III: MEASURED DATA

Date	No	Time	VR	VY	VB	IR	IY	IB	PF
23-03-2021	1	1.00AM	240.7	249.9	239.7	247.3	206.7	211.16	0.99
	2	2.00AM	243.8	243.1	243	203.3	174.1	180.1	0.99
	3	3.00AM	244.8	243.9	243.6	226.3	199.3	180.5	0.99
	4	4.00AM	246.4	246	246	276.9	210.3	200.5	0.99
	5	5.00AM	243	242.9	242.7	306.3	223.6	218.5	0.99
	6	6.10AM	277.1	241.9	241.1	271.7	261.1	218.7	0.99
	7	7.05AM	238.9	238.4	238.2	270.2	250.1	230.5	0.99
	8	8.00AM	241.1	241.6	241	631.1	279	622.9	0.99
	9	9.00AM	240	240.8	239.6	666.3	576.7	637.4	0.99
	10	10.00A M	242	243.6	243.2	680.4	580.6	632.1	0.99
	11	11.00A M	240.3	241.2	240.1	635.9	578.4	625	0.99
	12	12.00PM	245.1	245.3	243.7	583.8	517.4	603.7	0.99
	13	1.00PM	246	246.1	246	566	520.1	564.9	0.99
	14	2.00PM	245.1	245.6	244.9	501.2	510.1	503.4	0.99
	15	3.00PM	245	244.8	245.1	482.6	460.7	745.4	0.99
	16	4.00PM	246.4	245.9	245	395	308.9	295.3	0.99
	17	5.00PM	397.07	357.9	337.4	425.12	423.3	426.3	0.99
	18	6.00PM	110.3	136.1	245.6	425.12	423.3	426.3	0.99
	19	7.00PM	244.56	244.8	243.5	271.1	255.9	253.8	0.99
	20	8.00PM	246	245.4	244.1	253.2	213.4	245.8	0.99
	21	9.00PM	249	247.9	244.7	247.6	241	238.3	0.99
	22	10.00PM	246	245.4	244.1	253.2	213.4	245.8	0.99
	23	11.00PM	249	247.9	244.7	247.6	241	238.3	0.99

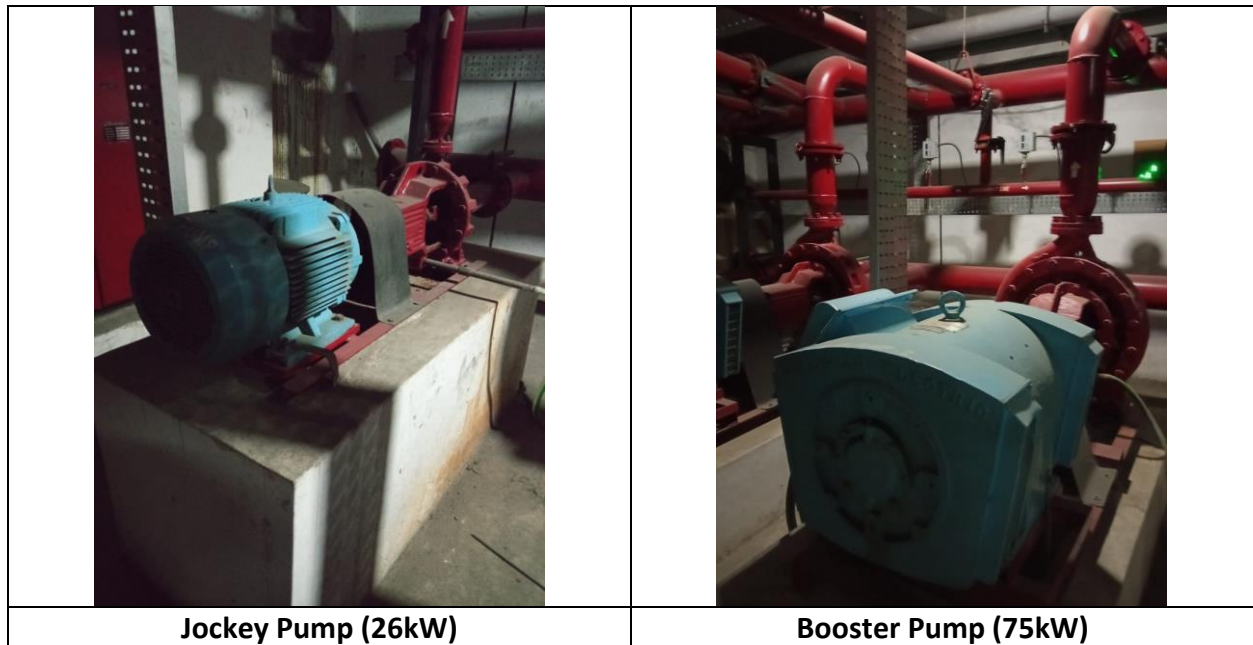
	24	12.00A M	249.9	249.4	219.9	219.9	200.1	206.2	0.99
24-03-2021	1	1.00AM	245	244	243.4	201.5	195.4	205.5	0.99
	2	2.00AM	247.3	246.7	246.8	207.8	178.7	171.8	0.99
	3	3.00AM	246.4	245.6	245.2	183.7	166.4	163.2	0.99
	4	4.00AM	248	247.4	247.3	220.5	174.4	170.4	0.99
	5	5.00AM	248.4	248.2	247.7	237	181.9	161.7	0.99
	6	6.10AM	245.6	245.4	245	291.3	219.3	205.4	0.99
	7	7.05AM	238.5	238.3	237.8	266.9	211.5	186.8	0.99
	8	8.00AM	244.8	244.4	244.1	291.4	250.1	238.2	0.99
	9	9.00AM	234.3	234.1	233	584.6	561.4	609.3	0.99
	10	10.00A M	234.8	235.4	234	616.4	523.8	614.2	0.99
	11	11.00A M	240.2	241.6	239.9	544.2	520.8	547.2	0.99
	12	12.00PM	243.7	244.2	242.8	580.2	540.7	592.7	0.99
	13	1.00PM	241.8	243	244	644.6	598.3	620.4	0.99
	14	2.00PM	243.3	243.2	242.8	636.7	580.6	637.4	0.99
	15	3.00PM	243.5	243.6	242.4	659	563.8	651	0.99
	16	4.00PM	246.7	246.5	245	496.2	460.7	480.7	0.99
	17	5.00PM	246.2	246.1	245.3	458.1	401	440.2	0.99
	18	6.00PM	247.7	242.3	242.1	427.1	340.1	383.4	0.99
	19	7.00PM	243.7	243.8	242.3	375.2	309.1	285.2	0.99
	20	8.00PM	248	247.8	247.7	379.7	323.5	315	0.99
	21	9.00PM	245.3	244.5	244	321.7	297.3	285.8	0.99
	22	10.00PM	241.9	240.8	240.3	255.6	276.5	252.8	0.99
	23	11.00PM	243	242.2	241.2	255.6	242.5	244.9	0.99
	24	12.00A M	244.9	244.4	243.6	260.5	230.8	249.9	0.99
25-03-2021	1	1.00AM	245.6	244.5	244.2	245.6	229.8	242.8	0.99
	2	2.00AM	247.7	246.8	246.4	230	215.2	191	0.99
	3	3.00AM	248.2	247.2	247	242.7	227.1	194.4	0.99
	4	4.00AM	248.3	247.4	246.6	208.3	190.9	199.2	0.99
	5	5.00AM	245.6	245.3	244.7	269.2	205.1	196	0.99
	6	6.00AM	243.4	243.3	242.8	311	239.8	217.2	0.99
	7	7.00AM	238.7	238.6	238	261.9	216.6	191.4	0.99
	8	8.00AM	245.3	244.8	244.3	307.1	257.8	252.8	0.99
	9	9.00AM	236.3	235.7	234.2	544.7	478.2	635.9	0.99
	10	10.00A M	238.4	236.8	234.1	580.6	491.6	515.2	0.99
	11	11.00A M	241.7	240.2	239.6	576.3	496.1	540.3	0.99
	12	12.00PM	244.1	241.3	245	546.3	469.4	523.5	0.99
	13	1.00PM	240.3	240.6	239.7	561.1	510.3	503.8	0.99
	14	2.00PM	240.2	240.5	239.9	581.2	267.7	576.5	0.99
	15	3.00PM	242.8	242.1	240.5	575.1	486.4	556.5	0.99
	16	4.00PM	244.3	245.4	243.9	578.4	291.2	536.6	0.99
	17	5.00PM	244.3	244.9	243.5	423.5	385	499.2	0.99

	18	6.00PM	246.2	246.6	245.6	402.2	326.1	318.3	0.99
	19	7.00PM	246.3	240.8	245	424.2	364.6	499.7	0.99
	20	8.00PM	249.3	249.5	249.7	396.2	309.4	318.4	0.99
	21	9.00PM	246.8	247.5	247	364.4	291.5	262.7	0.99
	22	10.00PM	240.3	239.8	238.8	268.6	236.7	277.9	0.99
	23	11.00PM	243.1	242.7	245.5	273	230.7	239.2	0.99
	24	12.00A M	245.2	244	243.5	262.9	234.6	231.8	0.99
26-03-2021	1	1.00AM	246.4	245.9	245.6	253.2	205.3	215.5	0.99
	2	2.00AM	248.5	248.1	247.6	234.8	203.8	182.4	0.99
	3	3.00AM	249	248.2	248.3	236.8	209.6	192.6	0.99
	4	4.00AM	249.2	248.6	248.4	263.5	207.4	196.3	0.99
	5	5.00AM	247.1	246.6	246.4	262.1	207.7	198.8	0.99
	6	6.00AM	243.3	243.2	243.1	305.7	244.5	213.3	0.99
	7	7.00AM	239.2	439.2	238.8	276.6	212.3	176.6	0.99
	8	8.00AM	240.1	239.6	239.1	301	242.5	258.4	0.99
	9	9.00AM	233.6	234	233.1	575.5	485.1	531.6	0.99
	10	10.00A M	233.4	234.1	232.6	676.2	541.3	625.3	0.99
	11	11.00A M	234.5	245.3	233.9	634.9	541.7	652.2	0.99
	12	12.00PM	236.3	237.3	236.1	656	499.7	566.4	0.99
	13	1.00PM	241.3	241.9	240.7	551.8	471.9	576.8	0.99
	14	2.00PM	239.3	239.3	239	621	561.2	594.2	0.99
	15	3.00PM	242.6	243.4	241.3	585.7	495.8	540.3	0.99
	16	4.00PM	242.4	243.2	241.5	491	432.6	451	0.99
	17	5.00PM	242.9	243.4	242	435	390.9	433.2	0.99
	18	6.00PM	247.5	247.7	426.5	404.1	316.6	311.9	0.99
	19	7.00PM	239.5	249.8	239	404.3	319.7	301	0.99
	20	8.00PM	244.2	244.6	244	364.2	315	293.8	0.99
	21	9.00PM	240.3	240.2	239.8	240.9	294.8	268.2	0.99
	22	10.00PM	242.5	241.6	420.8	271	276.3	271.9	0.99
	23	11.00PM	243.4	242.7	421.8	277.1	252.6	264	0.99
	24	12.00A M	242.5	241.5	421.2	236.7	220.6	227	0.99
27-03-2021	1	1.00AM	242.3	241.7	241.2	238	196.4	201.7	0.99
	2	2.00AM	244.6	244	423.3	234.4	199.5	203	0.99
	3	3.00AM	244.7	243.8	243.5	209	187	188.4	0.99
	4	4.00AM	245.2	244.7	244	248.1	190.4	192.4	0.99
	5	5.00AM	241.3	241	240.5	248.5	207.1	192.5	0.99
	6	6.00AM	241	240.3	239.8	303.9	256.3	247	0.99
	7	7.00AM	238.3	238	237.6	305.1	242.6	224.7	0.99
	8	8.00AM	234.3	234.4	234.2	301.4	232.6	213.4	0.99
	9	9.00AM	238.1	238	237.5	555.1	466.9	480.5	0.99
	10	10.00A M	235.7	235.4	234.5	584	529.2	5,656.3 0	0.99
	11	11.00A M	234.4	234.8	234.1	571.2	504.2	580.3	0.99

	12	12.00PM	235.1	235	234	554	459.1	523.5	0.99
	13	1.00PM	240.1	239.5	240.7	338.5	336.1	408.5	0.99
	14	2.00PM	240	239.1	238.7	408.2	342.2	396.2	0.99
	15	3.00PM	240.1	239.4	239	412.1	361.7	417.9	0.99
	16	4.00PM	243.2	242.1	238.7	490.6	432.5	440.3	0.99
	17	5.00PM	245.8	245.6	244.9	306.2	262.8	249.2	0.99
	18	6.00PM	246.8	243.3	245.5	400.1	322.7	326.3	0.99
	19	7.00PM	235	252.2	234.5	360.4	303.3	277	0.99
	20	8.00PM	240.1	240	240.9	370.5	300.7	300.8	0.99
	21	9.00PM	240.8	240.3	239.6	287.4	276.4	286	0.99
	22	10.00PM	242.3	241.7	241.1	294.9	268	268.9	0.99
	23	11.00PM	241.9	241.6	240.7	245.7	230.2	233.4	0.99
	24	12.00A M	241.1	240.6	239.6	245.2	226.3	226.5	0.99
28-03-2021	1	1.00AM	242.2	241.1	240.9	207.3	197.2	210	0.99
	2	2.00AM	243.3	242.2	241.6	205.9	180.4	190.2	0.99
	3	3.00AM	244.4	243.8	243.4	216.6	186.6	180	0.99
	4	4.00AM	243.2	242.9	242.2	252.8	205.8	211.1	0.99
	5	5.00AM	239.9	239.3	239	279.4	238.1	219.2	0.99
	6	6.00AM	241.6	241.1	240.5	287.2	239.1	242.8	0.99
	7	7.00AM	236.6	236.5	236.6	329.5	284.4	238.1	0.99
	8	8.00AM	240.1	240	239.1	260	200.5	207.9	0.99
	9	9.00AM	240.7	240.3	239.5	235.8	218.4	245.8	0.99
	10	10.00A M	241.7	241.3	246	256.4	221.7	245.1	0.99
	11	11.00A M	241	239.7	239.1	265.6	242.5	255.3	0.99
	12	12.00PM	242.1	240.3	240.1	235.9	245.5	260.3	0.99
	13	1.00PM	243.1	242.6	242.2	236.4	216.1	226.2	0.99
	14	2.00PM	244.2	246.6	244	239.2	242.2	235.2	0.99
	15	3.00PM	247.3	246.1	246	234.3	207	221.2	0.99
	16	4.00PM	251.3	250.4	250.3	233.6	207.8	209.6	0.99
	17	5.00PM	244.1	242.5	239.1	265.5	216.2	207.2	0.99
	18	6.00PM	243.5	244.2	243.5	265.4	195.9	173.8	0.99
	19	7.00PM	241	239.7	240.7	236.4	218.4	255.3	0.99
	20	8.00PM	245	245.1	244.4	309.5	248	253.1	0.99
	21	9.00PM	245.2	244.6	244.1	252.6	232.6	240.5	0.99
	22	10.00PM	245.5	243.7	245	245.3	211.8	225.4	0.99
	23	11.00PM	240.5	239.8	239.2	255.4	225.2	225.3	0.99
	24	12.00A M	241.8	240.9	240.3	232	220.8	254.4	0.99
29-03-2021	1	1.00AM	244.9	244.8	243.3	210	182.5	189.6	0.99
	2	2.00AM	242.9	243.1	243.5	221.6	295	210	0.99
	3	3.00AM	245.3	243.8	243.8	204	183.2	194.9	0.99
	4	4.00AM	245.6	245.1	244.7	262.4	208.9	194	0.99
	5	5.00AM	240.2	250	239.7	290	240.4	217.1	0.99
	6	6.00AM	242.1	241.9	244	2,120.0 0	202.7	215.1	0.99

7	7.00AM	241.1	240.9	240.3	277.5	212.7	208.4	0.99
8	8.00AM	237.5	237.2	236.7	283.3	218.7	253.6	0.99
9	9.00AM	235	234.7	233.5	582	578.5	626	0.99
10	10.00A M	234.3	234.1	233.5	580.2	605.6	636	0.99
11	11.00A M	235.9	236	234.2	541	461.3	587.2	0.99
12	12.00PM	235.7	236.7	234.6	537.3	498.5	561.5	0.99
13	1.00PM	239	237.6	237	521.8	444.4	520.1	0.99
14	2.00PM	240.8	240.9	239.9	568.9	502.5	548.4	0.99
15	3.00PM	244.5	243.8	243.8	543.1	286.6	523.6	0.99
16	4.00PM	244.4	243.9	243.7	537	488.8	502	0.99
17	5.00PM	243.6	243.7	243.3	407.9	379.4	354.4	0.99
18	6.00PM	243.6	243.7	243.3	407.9	379.4	354.4	0.99
19	7.00PM	244.3	244.3	242.8	495	418	504.3	0.99
20	8.00PM	243.9	244.2	244	415.2	337.4	314.5	0.99
21	9.00PM	241.3	242	241.3	395.1	314.3	295.1	0.99
22	10.00PM	239.9	240	234.5	342.1	267	274.3	0.99
23	11.00PM	238.4	237.3	236.8	255.7	241.8	243.2	0.99
24	12.00A M	240.4	239.3	239.1	272.7	218	243.2	0.99

#### ANNEXURE IV: FIRE SAFETY SYSTEM



No	Building	Jockey Pump	Booster Pump	Public Address system	Smoke detectors	Beam detectors
1	Central block	1	2	0	1	1
2	Block 1 (Audi)	1	2	0	1	2
3	KE Hall	0	1	0	0	0
4	Block 4	0	1	1	4	2
Total		2	6	1	6	5

## ANNEXURE IV: ELEVATORS

Block	Number	Total Capacity(Persons)	HP
Audi	2	16	10
Junior College	1	10	7.5
Central	7	83	15
Block 1	1	8	7.5
Block 2	2	20	7.5
Block 4	2	40	15
K E Hall	2	20	7.5
Jonas Hall	1	10	7.5

\*\*\* End of Report \*\*\*



## **Report on “i<sup>2</sup>R”, an awareness campaign 2022**

The II year BSc (PME and CME) students had organized an Awareness Campaign “i<sup>2</sup>R”, under the guidance of faculty members from the Department of Physics and Electronics on Wednesday, 6 April 2022 in the pathway, Central campus from 11am to 2pm.

The themes for the campaign were, Save Energy and E-waste & its management. The objective of the campaign was to enable students to describe the concept and create an awareness among the students from science and other deaneries about the energy related issues, e - waste hazards and its effective management.

There were a total of 110 students grouped into 36 teams, they prepared innovative charts, posters and brought sample products, explained the theme to the visitors during the campaign.

The campaign helped the participating teams to enjoy new learning method by sharing information about effective e-waste management, renewable energy sources. The visitors received a lot of useful information about various topics by interacting with the team members.

The department sincerely thanks the management of CHRIST (Deemed to be University) for providing the opportunity and support to organize such a socially relevant campaign in the campus.







**Introduction**

Propagating the idea of waste as a resource, Parivarthana utilizes dry wastes by converting them into beautiful and useful handmade, eco-friendly products. These products are marketed and revenue is used for the underprivileged women who work for Parivarthana. Decentralized Waste Management Practices of the unit primarily focuses on educating the student community, waste paper recycling, composting unit, biogas energy generation from food waste, livelihood creation for the CIGs (22 women annually benefit). For educational and sensitisation purposes; awareness rallies and street plays, school eco-conservation programmes, formation of streetwise eco-clubs (about 250 slum children), and organizing exposure visits for various stakeholders are conducted.

Parivarthana Unit is the decentralized, waste-management unit in the campus of CHRIST (Deemed to be University) that started in 2008. The aim is to create social and ecological impact along with ensuring the proper waste-management practices; with the help of the women working in the unit and all Christites. Its main objective is to ensure that Christ University is a zero-waste campus by recycling any possible waste material.

The unit runs with the help of the student volunteers and women working in the unit; supported by Christ. The unit aims at sensitizing the students and faculties on a range of issues regarding waste management with a focus on 3R's.

**WASTE SEGREGATION**

Production of around 1000 to 1200 kilograms of waste

- Over 1 ton of waste segregated
- Different types of wastes are recycled in different ways
- Waste is collected from waste-disposal bins placed at different points on the campus by the staff working at the Parivarthana Unit
- The waste is segregated into wet waste and dry waste



**PAPER RECYCLING UNIT**



Answer sheets, question papers, excess newspapers, and much more, a large variety of paper waste is produced on our campus.

The paper recycling unit on campus personifies 'best out of waste' by creating beautiful products from all forms of paper waste.



## Collection of waste material taking place in packages

### COMPOSTING

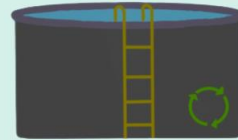


The wet (food and vegetable) waste on campus goes through the process of composting as stated below and the manure created is sold to external buyers.

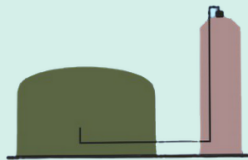


### WATER TREATMENT PLANT

In a university campus consisting of around 20,000 people, wastewater constitutes an enormous part of the waste generated on campus. At a time where water scarcity is at its paramount, water treatment becomes the need of the hour. All the wastewater on campus is treated and reused at the Parivarthana unit.



### BIOGAS



On a daily basis, approximately 500 kilograms of food waste is collected on campus. They are then placed into the Bio Gas plant, which has a sewage collector, consisting of an upper and lower chamber. The biogas flows through pipes to the kitchens in the Dharmaram campus, where it is used for everyday cooking. The biogas plant produces 25 kg of LPG daily.



**PARIVARTHANA NUMBERS  
AT A GLANCE:**

**25 kg**

25 kg of lpg  
produced every  
day in bio gas  
plant

**1000-  
1200 kg**

1000-1200 kg of  
waste segregated  
into wet and dry  
waste for the  
bio-recycling  
process.

**3-4  
Lakh lt**

3-4 lakh litres of  
water recycled.  
used in gardening  
in dharmaram and  
christ.

# Rain Water and Sewage Water Treatment Unit

One of the Core Values of CHRIST (Deemed to be University), Bangalore is Social Responsibility. The relentless drive towards its vision of 'Excellence and Service' not only reflects in its academic achievements, but also in its contribution towards society. Under the Centre for Social Action (CSA), the faculty, staff and students actively involve themselves in various causes, of which Rainwater-harvesting, Water Conservation and Recycling is a major focus.

Due to the gross mismanagement and irresponsible attitude towards water and its water bodies, the city of Bangalore is on the verge of a major water crisis. Sensing the need to conserve this precious resource, CHRIST (Deemed to be University) has started various initiatives.

On all 3 campuses in the city, the University has set up an extensive Rain water harvesting and Sewage water treatment system where water can be recycled and re-used for irrigation, vehicle washing and restroom purposes. The University has more than 21,000 students, faculty and non-teaching staff who use on average 4 lakh litres of water per day. This used water is collected alongside the harvested rainwater in big tanks. Out of this, through their water conservation and recycling efforts, 3 lakh litres of water is recycled and re-used for irrigation and flushing in restrooms within the campuses itself. This model of recycling and re-using waste water after treatment can be easily replicated by other institutions to conserve water.

The University also undertakes various activities for preserving and sensitising the public about the water bodies across the city. The CSA as well as various academic departments of the University have adopted various water bodies like Arekere lake, Agara Lake and Hulimavu lake to name a few and launched programmes to rejuvenate them and fulfil an ecological responsibility. This adoption includes - lake clean up drives, door to door awareness programmes, street plays, and surveys, production of documentaries and also hosting of competitions to generate awareness towards the cause. The University also joins in with residents to create pressure groups to make sure the government will fulfil its promises of taking care of the lakes.

The University also, works in partnership with various NGOs, volunteer groups and other forums to generate community participation towards water conservation and rain water harvesting. Partnerships with national level movements like #RallyForRivers also gives the University, and thereby general public good visibility towards preserving environmental resources. These partnerships also help in hosting competitions like Painting, Stall making, Meme making, Street

plays, Photography and social media campaigns within and outside the University which helps to promote and sensitise youngsters towards the cause.

The University also helps the Public Works, Ports and Inland Water Transport Department (PWD- the water regulating authority in Bengaluru) sensitizing the citizens about the need to conserve water through advertising and promotion especially through digital and social media campaigns. This is creatively done with the help of students through various competitions and classroom assignments. This can help create huge awareness among citizens in this digital age.

Street Plays and Flash mobs by students in Malls and public spots help grab eyeballs towards the water crisis facing the city. The University also regularly conducts seminars, discussion forums and talks by various water conservation activists which helps keep the discussion moving forward.

Rallies and Awareness campaigns by the National Cadet Corps, like the one held in 2017 in the University for "Virtual Water" helps to enlighten people about the magnitude of water being utilized to manufacture consumer products and to minimise wastage.

For these reasons, I hereby nominate CHRIST (Deemed to be University) to be considered for this award.



Topic: Urbanization and water quality issues, challenges and possible solutions.

Speaker: Dr. Priyanka (research associate at Indian Institute of Science, Environmentalist)

## **Summary of presentation**

The lecture was provided by Dr. Priyanka, an environmentalist who conducted a motivational talk on urbanization and water quality issues and possible solutions for it. We were privilege to have her as a guest lecture. Her accumulated and knowledge and experience is formidable. Her ideas were fresh and logic oriented.

She spoke on her research work which was located at Bangalore. The research was conducted to determine the pollutants present in the Vrishabhavathi River and its hazards on human health. Currently the river is highly polluted due to pollutants from industrial, agricultural and domestic sources. The river is today also known as Kengeri Mori (Gutter of Kengeri). From the last 10 years the population of Bangalore has increased drastically from 4.3 million to 8.7 million. The main sources of water to Bangalore city is from groundwater Kaveri river water and own private wells to meet their domestic needs. Thus, the city has a waste water discharge capacity of 1400 million liter per day.

Research work:

She and her team conducted a survey on the amount of water pollutants present in Vrishabhavathi river , near the Bull temple in Basavanagudi catchment of 2 km<sup>2</sup> area which consist of three major village areas like Guddadahalli, Bapujinagar, RajaRajeshwari Nagar and Peenya , an industrial area of the Bangalore city in India..The main objectives are extending of biological contamination, excess risk to human health and the sources of pollutants.

On conducting the survey in Vrishabhavathi River they noticed that the waste water from the river is utilized by the farmers to agricultural fields for irrigation purpose. The main crop cultivated in this area is baby corn. The samples were collected from vegetable soil, baby corns, milk, fodder, field and bed of lakes. The above samples contained high level of lead content, chromium, copper, nickel and other heavy metals. They conducted Atomic Absorption Spectrometer test and Bioaccumulation test.

The following are the observations:

- Pollutants like pathogen fecal coliforms. The increased levels of these pathogenic bacteria provide a warning of failure in water treatment, a break in the integrity of the distribution system, possible contamination with pathogens.
- Level of heavy metals was high such as lead, copper, nickel, chromium and etc which were found in vegetables samples, milk, and fodder and river bed.
- It was the past pollution which has polluted the river due to the discharge of waste into water bodies from the electro plating industries.
- The mass balance sedimentation is much lower.
- The health hazards are at high risk such as cancer, neurological disorder and etc.

They even conducted survey in peenya area. The samples were collected for every hour in a day once in every month. It houses small, medium, and large scale industries. The industrial area is known for engineering, electrical goods such as: CNC Machine tools or die-casting dies &

mouldstransformers, motors and generators, textile (silk), hydraulics, machine tool industries and Rubber moulding industries.

The following are the observations:

- During night time the amount of heavy metals in water was high. The factors causing the pollutant's in water bodies are electrolysis industry and alloy metal industry
- 3kg of lead was discharged per day were 13 number of samples were taken.
- Car washing units contained 35% of chromium which was present in water bodies but at negligible contribution.
- Urban stream pollutions are high.
- Risk to human health.

Solutions:

- Monitoring chemical pollutants.
- Use of Chemcatcher which is a highly versatile and cost-effective passive sampling device for monitoring a wide variety of pollutants in water instead of spot samples.
- Hybrid system.

Goals:

- Treatment technology inside streams (gravel box was made and is on process of testing)
- Silt trap filtration zone

The session ended on a good note. Most of them were curious to ask doubts about the ongoing treatment technology as Dr.Priyanka explained about it and its uses. Thus, we all understood the importance of water management and the hazards caused by the pollutants.

## **Best Practice No.1 : Parivarthana – Zero Waste Campaign and Sustainable Environmental Practices in CHRIST (Deemed to be University)**

### **Objectives of the Practice**

To ensure sustainable environmental promotion through Zero Waste Campaign

To ensure trash to treasure and create livelihood promotion for women and men through sustainable and scientific management of wastes generated in the campus

To develop replicable models of waste management segregation at source and ensure systematic and scientific management

To educate the student community and faculties, educational institutions, community people and other stakeholders such as BBMP and corporate sectors etc.

### **The Context**

In an institution set up like CHRIST (Deemed to be University) the challenging issues that needed to be addressed in designing and implementing this practice is that systematic waste audit and types of waste generated in the campus and accordingly design the intervention strategy is need to be comprehensive and integrated in nature. The biggest challenge would to educate the student community and faculty members to ensure their participation and commitment in waste segregation at source. One needs to also consider the capital investment in terms of machineries and appropriate infrastructure for systematic collection, segregation and recycling of waste. Education of house-keeping staff and other workers associated with waste management process is supremely important for the success of this model.

### **The Practice**

Under the Parivarthana project Centre for Social Action (CSA), the development wing of The Zero Waste Campaign with primary focus on “Reduce, Reuse, Recycle and Safe and Scientific Disposal” is the major strategy adopted in CHRIST (Deemed to be University). Student volunteers of CSA-CHRIST (Deemed to be University) sensitize and educate the student community and faculty members on Zero Waste Campaign. All the students are given exposure on sustainable waste management and environmental practices in the campus. CHRIST (Deemed to be University) generates around 900 kgs of waste everyday which includes both wet and dry waste. 70% of primary segregation of waste generated in the campus is undertaken by the students and faculties. 30% of secondary segregation is undertaken by sorting cum composting unit. In order to ensure carbon neutrality food waste is converted into bio-gas and kitchen waste, fruit/vegetable waste and other bio-mass are converted into organic manure and used for vegetations. The Institution does not use chemical or synthetic fertilizer. Paper and tetra packs are recycled and sold by which a sizeable amount of revenue is generated. Waste resources such as bottles, newspapers, aluminium foils, chocolate wrappers, plastics etc. which cannot be recycled are sold in the scrap market and revenue generated. By this process CHRIST (Deemed to be University) generates monthly revenue of Rs. 150,000 which goes as the remuneration for the people working in the waste management unit. 70-75% of the waste resources generated in the campus is reused,

recycled or sold in the scrap market. Only 25- 30% rejects are sent to the scientific landfill for safe disposal and treatment. Parivarthana initiative of CHRIST (Deemed to be University) has been awarded by Rotary Club for comprehensive waste

management initiative in the campus as well as in the slum community. Water harvesting systems established in CHRIST (Deemed to be University) is unique in all aspects. Every day in the main campus about 300000 liters of grey water is being treated and used for vegetation and gardening.

Similarly grey water is being treated and used for vegetation and gardening in Kengeri campus as well. Rain water harvesting promoted in Kengeri Campus is one of the unique features of judicious utilization of water resource. With the concept of “catch rain water where it falls”, CHRIST (Deemed to be University) ensure in both campus to recharge ground water. Roof top rain water and run-off water is channelized through a system and collected in a swamp and used for watering the garden. Student volunteers of CSA- undertake awareness campaigns on E-waste Management; The Institution has ensured systematic way of collection of E-wastes which are sold in the scrap market to generate revenue for the Parivarthana unit. Toilet waste and laboratory wastes are managed safely and systematically. Thorny bushes/shrubs and thermacol are sent to the scientific landfills. Indeed CHRIST (Deemed to be University) is a hazard free environment. Educating the student community with imbibing in themselves the culture of ensure primary segregation concept and practice, educating the house keeping staff and other workers associated with waste management process, and staff attrition were some of the constraints.

### **Evidence of Success**

Continuous education of student community by the student volunteers with primary focus on “Reduce, Reuse, Recycle and Safe and Scientific management of waste.

Comprehensive waste segregation system established in the campus to ensure 70% primary segregation at source and sorting cum composting unit for ensuring 30% of secondary segregation.

Establishment of Bio-gas units to ensure carbon neutrality and convert food waste (with 500 kgs of daily feeding capacity, cooking gas equivalent to 25 kgs of LPG generated everyday and slurry rich nutrient is used for vegetation) and establishment of Information dissemination unit to educate other stakeholders

Kitchen waste, fruit/vegetable waste and other bio-mass are converted into organic manure and used vegetations.

Paper and tetra packs are recycling unit which mobilizes a sizeable amount of revenue is generated. Waste resources such as bottles, newspapers, aluminium foils, chocolate wrappers, plastics etc. which cannot be recycled are sold in the scrap market and revenue generated about Rs. 150,000.

Every day in the main campus about 300000 liters of grey water is being treated and used for vegetation and gardening. Similarly grey water is being treated and used for vegetation and gardening in Kengeri campus as well.

Rain water harvesting promoted in Kengeri Campus is one of the unique features of judicious utilization of water resource. With the concept of “catch rain water where it falls”, CHRIST

(Deemed to be University) ensure in both campus to recharge ground water. Roof top rain water and run-off water is channelized through a system and collected in a swamp and used for watering the garden.

With a view to managing E-wastes, systematic way of collection ensured which are sold in the scrap market to generate revenue for the Parivarthana unit.

Toilet waste and laboratory wastes are managed safely and systematically. Thorny bushes/shrubs and thermacol are sent to the scientific landfills. Indeed CHRIST (Deemed to be University) is a hazard free environment.

### **Problems Encountered and Resources Required**

Following are the problems encountered and resources required to implement the practice:

In spite of best efforts many a times lack of cooperation from student community to ensure primary segregation at source

Human resource – adequate staff with commitment to work in the waste management unit

Adequate financial and material resource for ensuring systematic and scientific management of waste

### **Notes**

Following are some of the intervention may be relevant for adopting/ implementing the Best Practice in other institutions:

Formation of Eco-club with a view to making the children aware on solid waste management

Working with other educational institutions: This intervention aimed at creating a learning space for other educational institutions to understand the waste system and help them as well to undertake such initiatives in their own campus.

Observing Green Apple Day of Service event and undertaken tree plantation Capacity building for members of Resident Welfare Associations on segregation concepts and utilization of food and dry wastes, water management

Street theatre training for college/university students on segregation policies, safe disposal of food waste in bio-gas plant, solid waste management etc.

Street theatre to educate the community on segregation of garbage, solid waste management and water management



This is to certify that CHRIST (DEEMED TO BE UNIVERSITY), BENGALURU is now a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery post COVID-19, along with the observation of three environment entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.

Date of Issue: 29-08-2020

  
Dr. W.G. Prasanna Kumar  
Chairman

Mahatma Gandhi National Council of Rural Education  
Department of Higher Education, Ministry of Education  
Government of India

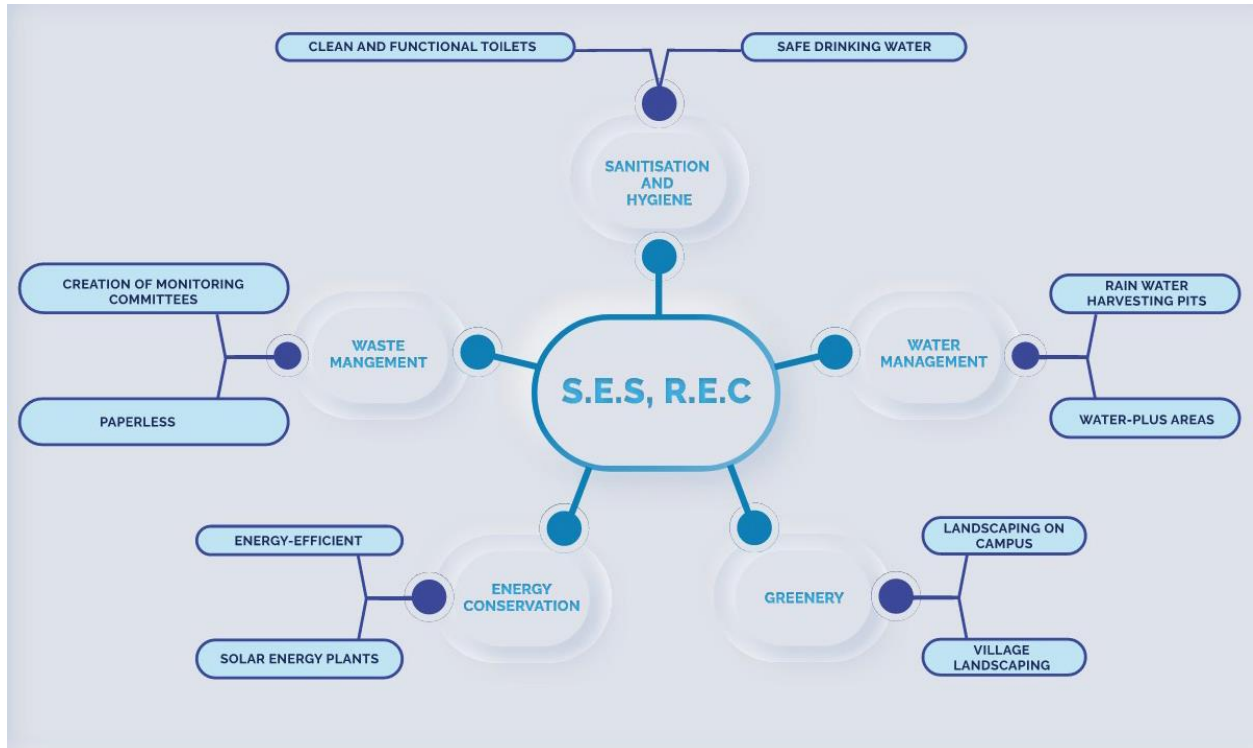
Certificate No. MGNSR/SESREC/20

Certificate from Mahatma Gandhi National Council for Rural Education (MGNCRE), Ministry of Education, Govt of India, recognising CHRIST (Deemed to be University) as a Social Entrepreneurship Swachhta & Rural Engagement cell (SES & REC) institution.

CHRIST University is now recognized as a part of the Social Entrepreneurship, Swachhta, Rural Engagement Cell. SES REC was launched by the Ministry of Education, GOI under the Mahatma Gandhi Council for Rural Education (MGNCRE). As part of this initiative; CHRIST has created 10 groups that work in-campus and in the project areas of CSA. These teams are led by faculties from different departments and CSA staff in charge.

There are five areas of focus that come under the SES REC Action Plan:

## SES REC Mind Map



## SANITISATION AND HYGIENE

Post COVID-19 Sanitation Measures and Drills that come as suggestions and future points of implementation include clean and functional toilets, safe drinking water, and clean surroundings with zero littering policy in the campus in a broader sense.

The institution also plans to organise awareness programs for better sanitisation practices; involvement of SHGs in mask-making; performance of Nukkad natak or street plays around the concept of Swachhta and Covid 19; as well as conducting door-to-door surveys and meetings to drive behavioral change with respect to sanitation behavior.

## WASTE MANAGEMENT

In the border sense, the activities included under waste management are the creation of monitoring committees in order to stop open defecation in villages; prepare Information Education Communication Material (IEC); set up RO plants for safe and clean drinking water. Along with these major initiatives, we also aim to set up telemedicine and mobile health care centers, support Asha workers with innovative tools to ease their work, installing biogas plants, and innovative technology-based solutions for rural waste recycling (eg cow dung cake making machine, converting solid waste into bricks, etc). All of these will be carried out by partnering with local NGOs and CSR organizations in this field.

We envision going paperless in order to reduce waste by using WhatsApp and emails for communication. Waste recycling through community composting, recycling of farm and paper waste would be conducted along with setting up mechanisms for recycling. The waste reduction would be carried out through banning plastic and flex banners, awareness camps about Clean and Green Village (Zero Littering — IEC Material).

## WATER MANAGEMENT

Acute water shortages in many parts of India and Bangalore specifically have made this initiative more important than ever before. Under this, audits of water sources in the campus; audits of monthly water use in the campus; audits of drinking water on campus would be carried out frequently.

To save water, the institution will also engage in constructing and increasing the number of Rain Water Harvesting pits on the campus, activities for recharging dry borewells, fixing leaky taps, and recycling water (grey, brown and black). Along with conducting all of these in our project areas as well, the institution aims to set up soak pits, construct harvesting pits and check dams to ultimately convert villages into water-plus areas. All the activities will be carried out in partnership with Coca! NGOs and CSR organizations in this field.



## ENERGY CONSERVATION

Under Energy conservation initiatives, conducting audits of energy-efficient heating, cooling, lighting, and water systems on the campus as well as building-wise audits of monthly use of electricity would be carried out. To reduce electricity consumption in buildings, departments would be provided incentives. Along with short and long-term plans for solar energy on campus. To reduce carbon footprints on campus; intelligent Purchase Standard Operating Procedures(SOPs) would be used and usage of cycles would be promoted.

In project areas, this initiative envisages the creation of Wind and Solar Energy Plants along with the creation and implementation of Sustainable Rural Energy Plans. The use of frictionless foot valves will help in considerably reducing the consumption of diesel. The feasibility of using rechargeable battery-operated systems would be tested across various occupations and institutions. The use of mechanical washing machines would be promoted to empower women. Awareness camps on energy-efficient electrical appliances and IEC about the benefits of related government programs would also be carried out.

## GREENERY

To promote a greener environment, under this initiative, the institution aims to set up a nursery/kitchen garden, a seed bank, and a compost pit. Along with that, to properly care for the nursery, research about trees that take up minimal water and are good for the ecosystem (local, resilient species) would be taken up. These will then be planted during the monsoon.

Conducting landscaping on the campus and use of organic manure for the plants will be other areas of focus. Along with that, the new buildings on the campus will follow green building norms. For project areas, village landscaping, smokeless stoves, eco-friendly agricultural practices will be promoted. Growing Miyawaki forests and Nakshatravanam on barren land would be carried out under the Village Greenery Programme. These will be conducted in partnership with local NGOs and CSR organizations in this field.

REC T Tuli Sandhya MONCRE is presenting A ASHWINI KATTE RAGHAWENDRA 192... and 69 more 2:39 PM You

### Concept of Social Entrepreneurship

- Creating business models revolving around low-cost products and services to resolve social inequalities.
- Meant to meet the socio-economic needs of the bottom of the pyramid population (SC, STs, Migrants, Transgender, Artisan's)
- May be a service or product initiative
- Creating jobs.
- By using innovative ideas and methods.
- Creating social value.

It is a social mission that is tried to achieve with entrepreneurial activities. Where Social Mission can be any social problem like Poverty, Child labor issues, Unemployment etc.

Meeting details

Meeting controls: Mute, Video, Chat, Raise hand, Turn on captions, Tuli Sandhya MONCRE is presenting

### Choice of Menstrual Products

Menstrual Products	Cloth Pad	Disposable Pad	Tampoon
Odour & Rashes	✓	✓	✗
Safety	✓	✗	✗
Reusable	✓	✗	✗
Environment friendly	✓	✗	✗
Economical	✓	✗	✗
Sleep through the night	✗	✗	✓
Free to choose any physical activity	✗	✗	✓
Cannot be felt while wearing	✗	✗	✓

Are you experiencing a Happy & Healthy Periods?

### Who should be involved in the Swachh Campus Initiative?

- Building Maintenance Managers
- Dining Hall/Canteen Managers
- Research Associates
- Residents of Campus
- Commercial Firms
- Non-profit Organizations
- Partners - Institutions and Agencies

Swachh Campus Awards 2022 Ministry of Education Government of India 2021-22

Chat window:

- from Anshu Kishor (24 is online): 4:11 PM
- I apologise for the inconvenience caused. My stomach was slightly troubled.
- from Manish Kumar (24 is online): 4:12 PM
- hello All Overalls
- from Anshu Kishor (24 is online): 4:13 PM
- Kindly share your learning and feedback at the end of the session using the link: <https://forms.gle/ANVCH20009067>
- from Manish Kumar (24 is online): 4:13 PM
- Thanking you for your participation. I will be glad if you post your queries in the chat box.

Participants Chat



**CENTRE FOR SOCIAL ACTION**  
**ANNUAL REPORT 2022**

## **PREFACE**

The past year has been a waking up year for CSA, it has been very eventful and productive. COVID overshadowed the daily life of every individual, groups, organizations, businesses, educational institutions etc., In these divisive times Centre for Social has remained committed to sustaining its vision, mission, projects and opened platforms for all the students to contribute to the society. We as a Centre are always welcome to diversity of ideas and worked relentlessly to bridge the differences in the society. CHRIST (Deemed to be University) has overpowered and broke through every endeavor triumphantly. Centre for Social Action has stood strong through the COVID years and post COVID years. CSA involved in emergency responses to the needs of the people during these tough times.

CSA hosted a biannual event MILAN in the University gathering many children from the project areas to have a carnival, cultural and sports events for the children. The Centre collaborated with various agencies and NGOs to conduct programs in the project areas, we had exposure programs for the international students and faculties, increased the number of volunteers and changed the strategy for active participation of volunteers. We have not only strengthened the existing bonds but build new ones.

CSA has emerged out loud and strong in the last academic year. We are working towards embracing the new and preserving the old. This Centre will continue to be the bridge builder between the students and community and enforcing social action. We are working in new avenues to enrich the experience and develop the society we live in, positively.

## **Vice Chancellor's Message**

I am delighted to witness the remarkable Social engagement activities undertaken by CHRIST (Deemed to be University). Our institution remains dedicated to the vision of "Excellence and Service," focusing our efforts on cultivating socially responsible citizens through sensitisation programs for students and community development projects for marginalised communities. The Centre for Social Action, our University's Social Sensitisation and Development wing, has been at the forefront of serving the less privileged sections of society for the past two decades.

The initiatives encompass providing mid-day meals to approximately 200 children, supporting over 4500 children through our Activity Centre, empowering 2500 women via Self Help Groups, and involving more than 400 students in volunteering activities annually. Our impact extends well beyond the campus boundaries, as we have reached out to 10,000+ families in 134 rural and five urban slums, significantly improving their lives. Additionally, we have raised awareness among 18,000 students regarding environmental issues, fostering a profound sense of responsibility and care for our planet.

I am delighted to announce the publication of our Annual Report on Social Engagement for 2022-23. This report showcases the remarkable progress made by our various departments and units dedicated to serving the community. The content of this report will inspire our readers and encourage more individuals to join us in our noble endeavours.

Warm Regards  
Dr Fr Joseph C C  
Vice Chancellor

## **VISION, MISSION & STATEMENT OF COMMITMENT**

### **Vision**

**CHRIST (Deemed to be University):** Excellence and Service

**Centre for Social Action:** A Better Society through Sustainable Action and Social Transformation

### **Mission**

**CHRIST (Deemed to be University):** CHRIST (Deemed to be University) is a nurturing ground for an individual's holistic development to make an effective contribution to the society in a dynamic environment.

**Centre for Social Action:** Enabling students to become socially responsible citizens through developmental initiatives.

### **Statement of Commitment**

**CHRIST (Deemed to be University):**

**Centre for Social Action: 'Learners to Leaders'** – Empowering individuals and communities through education and sustainable actions.

# CENTRE FOR SOCIAL ACTION

## ANNUAL REPORT 2022-23

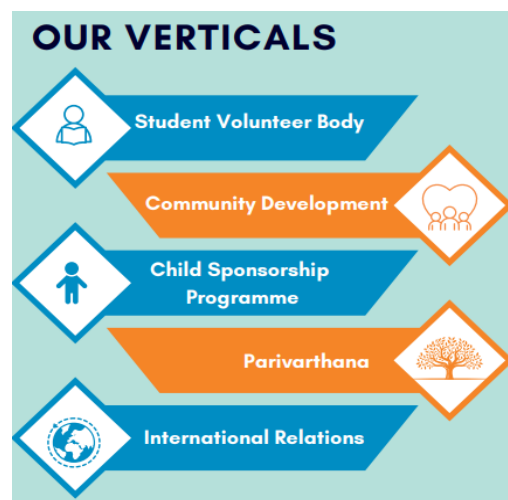
### 1. OVERVIEW OF CENTRE FOR SOCIAL ACTION

Centre for Social Action (CSA), is a creative platform for students' action/service for establishing a better society through sustainable action and social transformation where student communities are sensitized on various issues affecting the poor and the marginalized sections of society. The centre was set up in 1999 by the Management, faculty and students of CHRIST (Deemed to be University) (then Christ College). The intention was to enable students to imbibe values of social responsibility, as envisaged in the vision and mission of CU.

The core strategy is to facilitate students to internalize socio-economic-cultural issues faced by the disadvantaged sections of society and contribute to sustainable changes in their lives. This they can do even after graduating from the University. Thus, CSA believes in the strength of student communities to bring about positive changes among the marginalized sections of the society. All the programmes and activities of CSA derive their strength from its vision and mission. They form the framework and the basis for the programme/activity implementation of CSA.

Started in a miniscule way, where students sponsored 47 children way back in 1999, today, Centre for Social Action (CSA) is a well-established and a proven model of student initiative which addresses social issues. Currently with a student volunteer base of around 180 and staff strength (development professionals) of 57, CSA is focusing on integrated and impactful development interventions in campuses and communities.

CSA employs the twin strategy of empowering communities and sensitizing newer generations about realities. It reaches out to more than 16,000 students belonging to CHRIST (Deemed to be University) and other international universities and the general public through strategy. CSA's primary stakeholders are children, women, and student communities. They belong to urban slums, and tribal areas and educational institutions including international universities. CSA channelizes its developmental initiatives through five verticals i) Child Sponsorship, ii) Student Volunteerism, iii) Community Development Projects, iv) Parivarthana and v) International Students Exchange Programme.



### 2. CSA DURING 2022-23

Consolidated data for CSA. (Excel sheet)

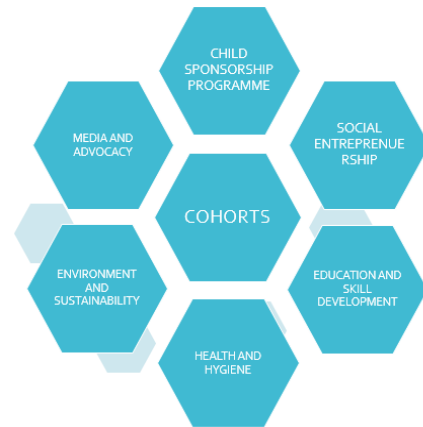


## 2.1. STUDENT VOLUNTARY BODY

CSA's Student Voluntary Body is driven by six cohorts. Each of them is led by two cohort representatives and guided by a mentor. Every cohort is further divided into five programmes and multiple teams, to ensure its smooth functioning. The volunteers, who are part of the cohorts' plan, undertake the activities, in alignment with the focus areas of the government and the institution.

### **Cohort 1 - Child Sponsorship Programme (Educate. Empower. Elevate.)**

The Educate a Child Sponsorship Programme is a flagship initiative of CHRIST (Deemed to be University), which aims to inculcate the values of social responsibility. Christites are encouraged to sponsor the education of underprivileged children in the project areas. Annually, the Centre supports the education of 800+ students through the efforts of the management, faculty and students. The Child Sponsorship Programme cohort aims to transform the United Nations Sustainable Development Goal 4 of Quality Education into a reality.



### **Cohort 2 - Education and Skill Development (Learn. Ignite. Discover.)**

The Education and Skill Development cohort under CSA aims to incentivise education for all through the volunteers' body and resources. It aligns with the values of Right to Education and NILP (New India Literacy Program) government policy and focuses on education and development of children in the adopted project areas of the Centre and also on skill development for dropouts. It involves several training and workshop programmes to incentivise soft and hard skills, equipping the learner to bag jobs and choose a suitable career efficiently. It engages volunteers with daily teaching sessions and events, with a focus on education and skill development sensitivity. This cohort aims to fulfil the United Nations Sustainable Development Goal 4 of Quality Education into a practice.

### **Cohort 3 - Environment and Sustainability (Revive. Resurge. Restore.)**

The primary objective of the Environment and Sustainability Cohort is to foster awareness and understanding of environmental issues and sustainability, while aligning with the Sustainable Development Goals (SDGs) 7, 13 and 15. It aims to promote and instil practices of environmental sustainability by implementing a range of initiatives that are designed to engage individuals and communities in taking proactive steps towards creating a sustainable future. By raising awareness and educating on environmental challenges, the cohort empowers participants to make informed decisions and take meaningful action.

### **Cohort 4 - Health, Hygiene, and Well-Being (Care. Nurture. Support.)**

This cohort aims for development and accessibility of healthcare across communities, to sensitise communities on health education and promote clean habits. Its activities are

aligned to the Ayushman Bharat Initiative of the Government of India and the United Nations Sustainable Development Goals -1 No poverty, 2 Zero Hunger, 3 Good health & Well-being and 11 Sustainable Cities & Community. It will majorly strive to improve overall health, well-being and contribute to a sustainable lifestyle, imparting knowledge for the well-being of society.

### **Cohort 5 - Media and Advocacy (Create. Express. Reform.)**

The Media and Advocacy cohort of CSA will be taking care of the overall media, documentation and communication needs of the organisation. The cohort will also take up activities and initiatives relating to sensitisation through various digital, theatrical and non-theatrical modes.

### **Cohort 6 - Social Entrepreneurship (Initiate. Innovate. Inculcate)**

The Social Entrepreneurship cohort seeks to promote sustainable and inclusive economic growth by fostering business skills and innovation through a multi-dimensional approach, equipping students and alumni with the abilities and resources to manage social enterprises. It will also provide support to such entrepreneurs to expand their businesses and take marketing opportunities, working closely with them to develop a greater number of Self-Help Groups and empower locals. The programme is aligned with the United Nations Sustainable Development Goals (SDGs) related to promoting decent work and economic growth (SDG 8), fostering innovation and partnerships for sustainable development (SDG 17).

**University Student Council Representatives** will enhance the overall graduate experience at CHRIST (Deemed to be University) by promoting the general welfare of the student body. They will create new programmes and initiatives to provide opportunities for growth and interaction and communicate with the administration and faculty on behalf of students. The representatives also conduct inter-campus collaboration and coordinate the functioning and activities of the Centre across the six campuses of India, facilitating smooth communication and coordination among the campuses.

### **Campus Ambassador**

The Campus Ambassador will ensure smooth communication between and within campuses. From organising rural exposure camps to general meetings, the Campus Ambassador supports all the stakeholders in the organisation. Given the vast potential of the CSA, it is the responsibility of the Campus Ambassador to communicate and implement new initiatives, acting as a bridge between the faculty and volunteers. They are also responsible for inter-campus collaboration and contacting other Campus Ambassadors

## **2.2. CHILD SPONSORSHIP PROGRAMME**

The Child Sponsorship Programme (CSP) was the first initiative of CSA, a flagship programme of CSA since 1999. CSP is an initiative taken up by the students of CHRIST (Deemed to be University), in order to enable underprivileged children to grow in a community that ensures **quality education**,

**health services, adequate nutrition, and opportunities for future employment and income**, aimed at their holistic development.

Started way back in 1999 by supporting 52 children, today CSA is able to cater to the educational needs of the marginalized children.

Christites, students and staff are rendering **monetary and student-mentoring services for vulnerable children** from marginalized communities of **urban slums and rural villages**. The sponsored children are provided with required educational materials like notebooks, stationeries, bags, shoes, school fees, and hygienic nutrition kits. During 2022-23, through the Christites contribution, this program has enabled over 800 children to move closer to their educational goals.

Financial mobilization for CSP is also facilitated through Parivarthana, a unit that works on recycling the wastes from the university into materials such as notebooks, frames, exam pads, pen holders, bags, and bottles among other things.

Children up to 14 years of age are sponsored to ensure that the children complete their education until 8th grade and the children up to 16 years of age are supported to ensure that they complete their education till 10th grade. Under this programme, the developmental needs of a child can be covered with a contribution of Rs. 4500 for a year.

**Children Activity Centre** is an intricate system of CSP providing value education to underprivileged children. It works to improve the academic /non-academic performance of the adopted children through **informal academic sessions, extracurricular activities, personality development camps, picnic cum study exposure, and sports events**. Student Volunteers conduct activity-based sessions and tutoring classes for the sponsored children so as to improve their **critical life skills, soft skills, and personality development**.

**Impact:**

- CSAs this initiative covers SDG 4 Quality Education, SDG 3 Good Health and Well-being, and SDG 11 Sustainable Cities and Communities.
- The children who benefit from the CSP are likely to get closer to their educational aspirations owing to the collective efforts of the CSA.
- The student community is provided with an opportunity to acknowledge and play their role in the betterment of society through the fulfilment of CSP objectives.
- The students are provided with the opportunity to articulate the causes that the CSA stands for to the general public thereby enabling them to be the torchbearers of change in the community.
- By working closely with the recycled products, the student community gain an understanding on a personal level about the impact of individual and collective environment-conscious action thereby embracing the CSA motto "WE CARE".

## 2.3. COMMUNITY DEVELOPMENT

### 2.3.1. Urban Projects

#### 2.3.1.1. Project 3D (Desirable Dynamic Development and Empowerment Project)

Janaki ram layout is a slum in Bangalore. The slum is relatively unhygienic. The slum is spread across 6 kilometres with around 3500 households. 85% of the people generally are below poverty line. The majority of the people are working as daily wage earners. Some are working as rag pickers and few women are working in garment factories. Drinking water problem is acute leading to physical

ailment. There are only 2 Govt Schools and 3 private schools in this area, which is inadequate to cover all the school aged children in the slum. On an average there are 3 to 6 children in each family, so the family size is large in general. The Programme strives towards mainstreaming children into formal educational setups (Schools). Thereby children are provided with financial and educational support through direct and in-direct support. The direct support includes Tuition classes, Note Books, School bags, shoes, stationary materials and other educational aids. Under the child sponsorship Programme (CSP). Women are organized into Self Help Groups (SHG's) for promoting socio-economic stability through management of finance, savings and by addressing family and societal issues through weekly meetings. There are 11 SHGs with 180 members doing well in terms of savings, lending money to its members (micro finance) and addressing various family and domestic issues through sharing ideas and mutual support.

**Duration - On going**

**Objectives of the Project**

- Social and Economic growth
- Improvement of Health and Nutrition Status
- To improve the access and quality of Education
- To organize the target community and goal is to improve the quality of Life of Marginalized children and their community.
- Target population Economically below poverty line from A & B Block Janaki ram Layout

**Major input:** Community development empowers community members and creates stronger and more connected communities.

**Impact created:** Economic growth and causes people to seek working and investment opportunities in urban areas. Because they have limited financial resources and the cost of food is higher in cities, the urban poor lack nutritious diets and this leads to illness, which contributes to loss of appetite and poor absorption of nutrients among those affected

**Coverage:**

Slums	SHG	CLA	Federation	Families	Children	Women	Youth
02	11	-	-	350	200	350	25

**Major Achievement:** Networking with the Ngo's and other partners working in the project area, Formation of Self-Help Groups and involvement of women.






**Benefit to Volunteers:** Volunteers build self-confidence, self-esteem and life satisfaction. As they work with underprivileged children and marginalized communities, they get a sense of accomplishment, pride and identity.





**Benefit to Community:** Improve quality of life of marginalized children and community.

**Future Plan:**

- Academic support for the needy children (Assistance for education, supply of educational and nutrition kits).

- Special days of observations
- Personality development training to the Adolescent children
- Talent's day celebration for children
- Sports Day Celebration
- Children Carnival in the community
- Awareness Rally (Jaata) in the community
- Tracking of graduated children & Alumni meet
- Formation of more SHGs in the community
- Capacity building trainings for the staff
- Formation and capacity building of new SHGs
- Homemade food stall (Mane Thindi) for the SHG women.
- Women's Day celebration
- Community Habba – Fair
- Exhibition
- Street Play by the CSP Children
- Training on mental Health Programmes
- Monthly and review meetings
- To conduct community programmes in collaboration with all the stake holders
- Educational exposure visit
- Mental Health sessions and Sexual education for the children in the community
- Medical Health and Dental Health Programmes
- Identification of new places for the activity centres.
- Awareness on Sex Education and Moral Values
- Capacity Building Training for the staff

<p><b>Activity Details: Refer Annexure</b></p>		
	<p><b>Educational Material Distribution</b></p>	<p><b>Environment Day Celebration</b></p>
		

<b>Milan</b>	<b>Bosch Program</b>	<b>Women Empowerment Panel Discussion</b>
 <p>Bengaluru, Karnataka, India WJM4+785, Bhavani Nagar, S.G. Palya, Bengaluru, Karnataka 560029, India Lat 12.932816° Long 77.605988° 12/02/23 01:36 PM GMT +05:30</p>		 <p>Bengaluru, Karnataka, India 2J4J+7M, BDA Layout, Lingarajapuram, Bengaluru, Karnataka 560084, India Lat 13.06848° Long 77.630689° 06/11/22 03:58 PM GMT +05:30</p>
<b>Milan</b>	<b>Women's Day</b>	<b>Awareness Session</b>
 <p>Bengaluru, Karnataka, India 2463+293, Tank Bund Rd, Kanakadasa Layout, Lingarajapuram, Bengaluru, Karnataka 560084, India Lat 13.007178° Long 77.631415° 22/11/22 03:52 PM GMT +05:30</p>		
<b>School Adoption Programme</b>	<b>Exposure to 3D project area</b>	<b>SHG Orientation</b>

### 2.3.1.2. Project Vriddhi

#### Background:

The Vriddhi project focuses mainly on two Slum areas in Bangalore; LR Nagar and Rajendra Nagar in Koramangala and Madiwala in Siddhartha colony. The Child Sponsorship Programme (CSP) focuses on holistic child development by supporting tuition class, basic computer skills and encouraging reading books through the library centre. It is an inspiring initiative by CSA with the contribution of the student community of CHRIST (Deemed to be University). CSP supports around 275 children from the slum with regard to their education and enables them in continuing it hence reducing the school dropout rate. There are two Activity centres, a computer centre and a children's library are being managed in helping the children with their academics. The children are provided with stationery items, bags, and books. Regular medical check-ups and strict monitoring of their diets are taken care of through nutritious kits that are provided to the children. Value education classes are provided to children on a monthly basis. Medical camps, community engagement events etc. are conducted along with regular SHG meetings as well. There are 16 fully functioning SHGs for women and they were linked with various free subsidy bank loans this year as well. A fixed amount is allocated as a revolving fund from the government in collaboration with BBMP. Each group has around a savings of ₹3.00 lakhs.

#### Coverage:

Slums	SHG	CLA	Federation	Families	Children	Women	Youth
3	16	NIL	NIL	210	275	210	80

**Major Achievement:**

The performance of the SHGs over the years has been progressing. All the groups have been regularly meeting and continuing their savings, and credit activities. They meet every month to discuss and finalize the inter loaning for promoting income generation and livelihood activities. During 2022-23 CSA have given new opportunities like celebrating women's day in both sites. The nutritious kits were given more in number as compared to the year before. More community members availed the services like the health check-ups that were conducted by the Vriddhi Project. The SHG women were given skill building sessions with regard to the making of paper bags which will enhance their skills.

275 children are taken care of under the CSP wing of Vriddhi project. 200 of them are distributed among the 2 activity centres in L.R. Nagar and the rest 75 are from Madiwala. The older children avail the computer centre services provided in L.R Nagar on a weekly basis. Stationery and nutrition kits are provided to these children this year as well. Health check-ups were conducted with the children as the main focus. They were provided with multi vitamins and calcium tablets to enhance their growth and development. Midday meals are also provided to the children in two government adopted schools as part of the Vriddhi Project.

Some of the events conducted this year were Teacher's Day program, Children's Day program, International Literacy Day, Women's Day, etc. Awareness sessions on financial management, substance abuse, child rights etc., were also conducted. Nasha Mukh Bharat Abhiyan (NMBA) conducted awareness sessions on substance abuse and how to deal with family members abusing substances. The student volunteers have conducted gully cricket matches which involved active participation from the youth from the community.

**Benefit to Volunteers:**

Interacting with children the student volunteers are more confident to conduct sessions more effectively. Consciousness of the student volunteers about child rights has been on the rise as they are practicing and ensuring child rights. It is an opportunity for them to make good contact and connect with children and be aware of the problem that the slum children experience. The students understood the point of views that were voiced by the women too. Through organizing and planning the events associated with children and women, their critical thinking and fast action to take the responsibility and help the less privileged community has instilled a sense of social responsibility. Students also developed the ideas to do the community-based programs and experimented the same. It was an eye opener to the volunteers about the life of the children from lower economic sections of the society. Volunteers did get an opportunity to network with many other organizations and professionals.

**Benefit to Community:**

Children and their families were glad for the support we haven given to them, especially about the medical check-up they came to know the health condition of the children, children with under-nourishment, vision problems and other learning disabilities. Appropriate referrals to hospitals were also made for the needy. The health status of 70 children were assessed and medicines were provided to them as well. The importance of checking their health regularly was also understood by the community. Helping children and families for progressing in education, working for improved health conditions, providing economical support to the parents of the CSP children motivates them and drives towards independence.

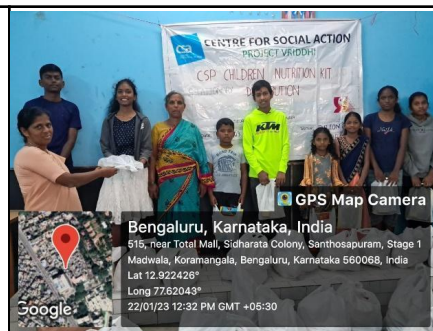
**Future Plan:**

The events that were conducted this year were successful and exhibited full cooperation and participation from the community members. It is to be hoped that the next year will also bring forth the opportunities to conduct these events and many more.

More skill building sessions can be conducted in order for increased self-employment opportunities for the SHG women. More meetings other than the monthly ones can be conducted that will provide these women a space to interact and communicate with each other informally. Cultural programs can also be conducted during these times.

The children can be taken out for more one day programs which will provide them with an exposure to atmospheres other than their own community. They can be provided with educational sessions, cultural and physical activities like sports competitions which will nurture their group learning and interaction process.

**ACTIVITIES DETAILS: Refer Annexure**



**Madiwala Nutritious Kit Distribution to CSP children**



**Children's Parents Meeting**



**Medical camps for SHG women**

**Mid day meal distribution**



<b>International Literacy Day</b>	<b>Children's Day Celebration</b>
<b>Darsan One Day Camp</b>	

## 2.3.2. Rural Projects

### 2.3.2.1. Bastar Community Development Project

**Background:** Since 1999, CSA has been implementing development projects across Chhattisgarh. CSA started to partner with KNH in 2002 and implemented various developmental projects for the community with sustainability as its main focus. Initially CSA implemented CFCD projects and now is implementing SHA projects in Chhattisgarh. In all the localities the marginalized women are doing well, and the development is visible with women, their family and in the community. Livelihood is given much priority in the sustained projects. Education to children is given more importance as the parents understand the importance of education and they send their children to school regularly. Sanitation level is improved, 80% of the beneficiaries across the project area have constructed toilets and are using it.

Location	:	34 villages, Koilbeda block
Start Date	:	1/10/2015 (Pre-phase) 1/01/2017 (Main Phase) 1/10/2022 (Extension Phase)
Project Period	:	1+5+5 years
Total number of Households	:	1709
Total number of Permanent staff	:	13

Objectives:

- Children should have Nutritious food.

- Primary Education for all Children.
- Primary Health Care for all Children.
- Sufficient Income.
- Government schemes should be availed by all.

### Target population – SC and ST

#### Coverage:

Villages	SHG	CLA	Federation	Families	Children	Women	Youth
34	60	6	0	817	701	1540	45

#### Major Achievement:

##### A) ECONOMIC EMPOWERMENT:

- 60 self-help groups have mobilized ₹5,21,4371 through SHG fund and using the fund for livelihood activities. Sometimes they use it for emergency health care or children's education.
- SHG mobilized ₹1.65 lakhs through NRLM fund for the SHG strengthening and ₹6.60 lakhs to start income generation activities.
- 3 SHGs received a sum of ₹4.00 lakhs as loan from a local bank to start income generation activities.
- Through the Bastar project two CLAs were supported with ₹2.00 lakhs each for livelihood promotion.
- 35 young girls are trained in tailoring through skill development initiatives, of which, 5 girls have established their own tailoring centre.
- SHGs have started group business through the financial and technical support; 3 SHG are making Detergent powder, Phenyl, Toilet cleaner, 2 SHGs are making candles, 1 SHG is making Agarbathi (Incense sticks), 2 SHGs have started Fishery and 2 SHG are selling forest products. 383 families have started individual businesses.
- The SHG members took loans from SHG, CLA and started the businesses like Fishery, Piggery, goat rearing, Poultry, aromatic rice cultivation, petty shop, vegetable vendor and small hotels.

##### B) SOCIAL EMPOWERMENT

- SHG women are empowered to take the leadership; they were able to organize International Women's Day with 650 women. SHG members took complete responsibility for the program and made it successful.
- 18 school dropout children were re-enrolled in schools, 12 youth got readmission in distance education courses and 7 SHG women who discontinued their studies long back again get admission privately to continue their academic career.
- 78 women underwent the Blood Pressure and Haemoglobin check up by collaboration with Govt. Primary Health Centre.
- Project staff promoted COVID booster dose vaccination in all 34 villages.
- Members of 8 SHG had conducted village cleaning drives in 5 villages; they cleaned the drain, school and Anganwadi campus.
- Project staff supported the health department staff in spreading awareness on Malaria and Typhoid in 14 villages.
- SHG members raised their voices against domestic violence and brought peace in 7 families as the alcoholic husbands exploited their wives.

## C) POLITICAL EMPOWERMENT

- One member of Muskan SHG won the bi-election of Bethiya panchayat and became the sarpanch.
- Two SHG women are elected as district panchayat member.
- This year SHG members and their family received following government schemes by the project's intervention:
  - i. 33 families dug small ponds through NREGS for fishery.
  - ii. 60 Acres of land of 15 families was levelled with the support of the panchayat.
  - iii. 142 families were linked with e-shram cards so that they will get benefits.
  - iv. 30 families are getting direct benefit through Kishan Nidhi Yojana from 2022-23.
  - v. 46 new members are added in the ration card.
  - vi. 52 families received job cards, 185 families linked with Ayushman health scheme.
  - vii. 55 families constructed houses through PM Awas Yojana.
  - viii. 32 families received a solar (water) pump set for agriculture.
  - ix. Pakka roads were constructed in 2 villages and Concrete roads constructed in 3 villages.
  - x. Safe Drinking facilities through high raised water tanks were set up in 3 villages.

### **Future Plan:**

#### **Social Empowerments**

- Strengthening 6 CLAs and formation of 1 new CLA.
- Formation of a project level Federation and build their capacity to take over the project.
- Mobilizing land for building Federation office
- Financial literacy training for CLA/Federation.
- Digital literacy training to CLA/Federation
- Children's day/ SHA day with children
- Summer personality development camp for children
- Awareness on climate change and eco concern, orange the world
- Child Rights awareness program & women rights awareness program
- Linking 20 excluded households to government schemes and services like availing Aadhar cards, Pan card, Kishan Nidhi Yojna and health insurance.
- Form and strengthen 10 Adolescents groups.

#### **Political Empowerment**

- Networking with government offices for availing schemes
- Network meeting with CLA business supporters
- Child Protection Committee (CPC) quarterly planning and review.
- SHA day with women/ Women's day celebration
- Awareness on participation of women in gram sabha
- Stakeholders meeting

#### **Economic Empowerment**

- Initiate 4 major group businesses in four clusters
- Support initiating individual business for 10 families and group business for 5 SHG.
- Linking 10 SHGs and 1 CLAs with government departments, Banks, and NRLM for accessing various welfare schemes and services.
- Exposure visit for SHG/CLA/Federation members to successful livelihood initiatives by other organizations.

- Livelihood Promotion & income generation program
- Market linkages training to SHG, CLA and Federation business

#### **Staff capacity building training**

- Database training for Staff
- Agricultural and livelihood training for staff and beneficiaries
- Federation formation training to staff
- Staff exposure

#### **Other future plans aimed at Children**

- 10 Children groups (CGs) will be formed and strengthened.
- Children groups and cluster level association will be linked with panchayat level Child Protection Committees
- 12 Child Protection Committees will be formed at Panchayat level and strengthened.

#### **Impact Created by the Bastar Project**

During this reporting period the project has impacted the lives of children, women, adolescents, and communities in the area of social, political, economic and ecological environmental especially in the context of child rights.

Impact contributes for Social Empowerment:

- The Lives of around 1700 families in 34 villages are improving.
- 60 SHGs are effectively bringing women together to plan, implement and monitor social development programmes.
- More than 600 families benefited from government assistance for setting up fisheries ponds (19), e-labour cards (133), Sukanya Yojana (361), solar pump set (23) and Pradhan Mantri Jeevan Jyoti Bima Yojana (24), besides Ration cards, Job card, Pradhan Mantri Awas Yojana, Pradhan Mantri Life insurance, Gas cylinder connection and Ayushman cards.
- People's participation is on the increase through the involvement of SHGs in cleaning of village roads, networking with panchayat for construction of 3.5kms long village roads, constructed from village Sitagaon to Jalbahi, in Dotometa 150 meters' concrete road was laid by panchayat
- Social commitment of the villagers is increasing. Few examples are: i) Boundary fencing construction for Anganwadi premises in Bhurbushi village, ii) closing down the liquor shop advocating with the government, iii) advocating for replacing the damaged transformer Pushkar village, etc.
- Organic farming practices among small farmers.

Impact contributes for Political Empowerment:

- Capacity of people's institutions, leaders of PRI, village elders are built through training and meetings and networking with the panchayats and government departments.
- The villagers, especially women, are visiting and sharing their issues with government stakeholders like Panchayats, WC&D, Health & Education departments, Janpad panchayats, Zilla Panchayats, etc.
- They have networked with Panchayats and other government stakeholders and availed job cards to get the daily wage employment.
- Women are getting elected as sarpanch and village panchayat presidents.

Impact contributes for Economic Empowerment:

- 60 SHGs are linked with Chhattisgarh Rajya Gramin Bank (CRGB), State Bank of India (SBI) and NRLM banks. Mobilization of ₹32.00 lakhs from NRLM, nationalized banks, Chhattisgarh Gramin Bank for income generation activities for supporting 142 individual businesses and 5 group businesses.
- Increase in the household income of these families and they are able to provide basic needs to their children, including food, shelter, cloth, good health and education.
- Career guidance training has impacted a lot in the lives of their children, adolescents and women.
- Families availed ration cards and received houses through PMAY.
- Families practice kitchen gardens contributing towards no malnourishment among children, pregnant women and adolescent girls.

**ACTIVITIES DETAILS: Refer Annexure**



**Individual Goal Setting Training**



**Exposure visits of CLA members to Livelihood organization**



**CLA Review Meetings**



**Health Camps for CLA Members on health & hygiene.**



**Vocational Skills Training**



Latitude: 19.745715  
Longitude: 80.803982  
Elevation: 274.967 m  
Accuracy: 5.0 m  
Time: 06/12/2023 12:31  
Note: Entrepreneurship development training

**Awareness Rallies**



**Entrepreneurship Training to SHG**



**Children's Day Celebration**



**Entrepreneurship Training to SHG**



**Training organized for Adolescents**



**Health Awareness Program**



**Training for Farmers**

**Training organized for Adolescents**



### 2.3.2.2. Chethana Project

#### Background:

Chethana Child Focused Community Development Project (CFCD) continues to extend its support to the community in 11 of its target villages. The main activity which is happening at the moment in the project is building the capacity of the SHG women and taking efforts to sustain the project. Federation is formed and registered under Karnataka Societies Act 1960. Federation members are involving themselves in all the project related activities and helping the project team in implementing it effectively. At present 53 Self Help Groups (SHGs) are functioning in all target villages. 3 CLAs are formed to continue to support SHGs for their effective functioning. Project team along with Federation members and SHG women are monitoring and maintaining all the activities like running supplementary education centres, monitoring Anganwadi, coordinating with health and ICDS departments, etc. Women are empowered socially and economically. Once the women become a member of SHG their financial needs are met through the group support and it helps them to improve their living conditions and thus the families are able to provide good education to their children. Awareness programmes are being conducted in the villages in association with health, education departments and students from CHRIST (Deemed to be University).

#### Coverage:

Villages	SHG	CLA	Federation	Credit Cooperative Society	Families	Children	Women	Youth
11	53	5	1	1	1179	452	520	251

#### Major Achievement:

- Early Childhood Care
- Strengthening Children's Education
- Community Health and Hygiene
- Community Based Organisations (CBOs).
- Livelihood Promotions

#### *Early Childhood Care (ECC):*

In collaboration with ICDS, the community created the model ECC centre in target villages and extending technical support to run it effectively. ECC has helped in reducing the malnutrition among 0-6 years' age children and to creating awareness among the ANC/PNC mothers on child care, nutrition and timely immunization. There are 23 ECCs in 21 villages with 156 children. This number of boys and girls has been changing every year due to demographic and socio-economic changes. These Anganwadi are more child-friendly teaching involving songs and plays in some of the centres. The educational interventions of the Chethana project, through the government Anganwadi, have helped to create increased awareness and motivation among the parents about the education of their children.

#### *Strengthening Children's Education:*

School going children are supported to grow in a community that ensures quality education through life skill development programs. Village level Supplementary Education Centres caters 297 children



in nine villages. Children are helped to prepare for their exams and homework and also get an opportunity to improve on their life skills.

Village level Children Parliament are functioning in 11 villages and the meeting of ministers have been taking place discussing about school academic examinations, feedback of celebration of Children's Day, national festivals, etc. Children parliament ministers are guided to take up responsibilities from their young age, and they use their free time productively by way of discussing matters which develop themselves as well as the community where they live in. 35 students were taken to CHRIST (Deemed to be University) to participate in the 'Milan' event organised by CSA during Feb. 2023.

### ***Community Health and Hygiene:***

The community were sensitized on their personnel health and hygiene, good environment and global warming. Network meeting with Primary Health Centre (PHC) conducted along with ASHA volunteers. One health check-up camp was conducted in the project area involving PHC team and R.L. Jalappa Medical College & Hospital team. Seethanayakanahalli and Enjanahalli village was provided with a water filter each for ensuring safe water to the children in particular.

### ***Community Based Organizations:***

It is believed that the sustainable village development is possible through building community institutions like SHGs, CLAs, Federation, youth groups. Fifty-three SHGs, 5 CLAs, one Federation and one Credit Cooperative Bank managed by women is vibrantly continuing their journey. During 2022-23 the project had witnessed one capacity building training at project level participated by 63 CLA members. They were trained in sustainability, resource mobilization, government schemes, ownership, rapport with stakeholders, network and linkages and etc. CLAs also taking responsibility in the continued effective functioning of the project. Organized capacity building training for Federation members they are also aware on sustainability of the project, network and linkages with government and other departments. The credit cooperative society begun with shareholding amount of ₹30 lakhs about five years have now grown with a net worth capital of ₹3.00 crores and with the membership of 900 women.

### ***Livelihood Promotions:***

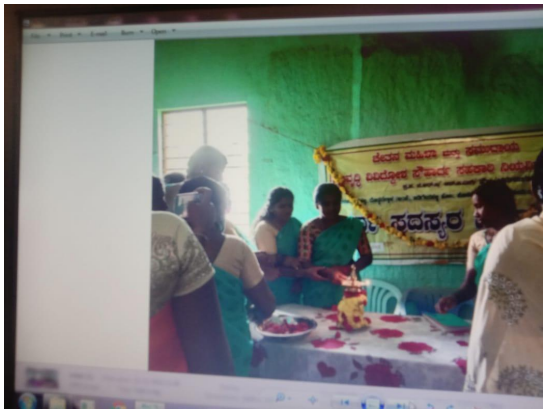
Women are supported to explore livelihood opportunities for generating additional income, secure their families and build community". They access loan from the credit cooperative society and engage in various livelihood activities.

Chethana project had been the learning platform for students and faculties, both from domestic and international universities. A total of 580 students from different department of CHRIST (Deemed to be University) and around 70 students and faculties from international universities (from Western Michigan, VIVES, HAN, Katho, Nord, etc.) have learnt the village life, people, source of income, livelihood activities, role of community institutions in empowerment process and sustainability.

### **Future Plan:**

- a) Facilitate the rural exposure camps for students and faculties.
- b) Monitor and strengthen SHGs/CLAs/Federation.
- c) Organise Health Camps.
- d) Facilitate annual auditing of SHGs/CLAs/Federation.

Activity Details: Refer Annexure



### 2.3.2.3. Pragathi Child Focused Community Development Project Kolar

Pragathi Child Focused Community Development Project Kolar continues to extend its support to the community in 22 of its target villages. The main activity which is happening at the moment in the project is building the capacity of the SHG women and taking efforts to sustain the project. Federation is formed and registered under Karnataka Societies Act 1960. Federation members are involving themselves in all the project related activities and helping the project team in implementing it effectively. At present 42 Self Help Groups (SHGs) are functioning in all target villages. 3 Cluster Level Associations are formed to maintain and support SHGs for their effective functioning. Project team along with Federation members and SHG women are monitoring and maintaining all the activities like running supplementary education centre, monitoring Anganwadi, coordinating with health and ICDS departments. Women are empowered socially and economically. Once the women become a member of SHG their financial needs are met and it helps them to improve their living condition and is able to give good education to their children. Awareness programmes are being conducted in the villages in association with health, education departments and students from CHRIST (Deemed to be University).

#### Coverage:

Villages	SHG	CLA	Federation	Families	Children	Women	Youth
22	42	3	1	1500	1477	802	302

#### Major Achievement:

- Early Childhood Care
- Strengthening Children's Education
- Community Health and Hygiene
- Community Based Organisations (CBOs).
- Livelihood Promotions

#### *Early Childhood Care:*

The erstwhile Early Childhood Care centres established by the project is now maintained as Anganwadi centres by the government through ICDS in 22 villages with the continued support and guidance from the community. 221 children between the age of 2 to 6 are attending in these 22 centres. The centres focus on engaging the children with action songs, individual and group games, and ensure more child friendly environment and care. They are also provided with nutritious noon meal contributing to strengthen their health. Pregnant and lactating mothers are also provided with supplementary food, besides sensitizing them on child care, nutrition, timely immunization, etc. Over the years there are no children reported as anaemic.

#### *Strengthening Children's Education:*

School going children in target villages are supported for having a positive learning environment, where in quality education is assured for preventing school dropout, enhancing academic performance and promoting higher education. Besides focusing on the academic requirement, the children are also guided to develop appropriate life skills. Volunteers, who are the siblings of 256 school going children from the villages are supported through 22 supplementary education centres. Few of the children those who are not attending the project run supplementary education centres are said to be accessing private tuitions by paying a fee.

Children Parliament is functioning in 21 villages with the 105 ministers. Ensuring child rights and child protection, preventing child labour and undertaking rallies to create awareness on health, hygiene and environment are the areas that are discussed and formulate appropriate actions in children parliament. They also discuss about children's academic examinations, feedback on the Children's Day observation, National festivals. Children parliament ministers are guided in a right direction, they are learning to take up responsibilities from their young age, and they use their free time productively by way of discussing matters which develop themselves as well as the community where they live in.

This year around 35 children from the target villages had an opportunity to take part in the Milan 2023, the biennial event conducted at CHRIST (Deemed to be University) by CSA. This was a three-day event participated by 250 marginalised children from CSA's project villages and city slums dwellings. Children were engaged with different games, stalls focussing on educating and stimulating the children, colouring activities, sports and cultural shows marked the first two days of the event. Best performing children were provided with prizes and awards. It was an enriching experience of learning from other children belong to different region and student volunteers of CHRIST. The programme also set a stage to demonstrate their skills in various sports, art, culture, and also promoted leadership among the children.

#### ***Community Health and Hygiene:***

The project continues to network with PHCs in villages and ASHA volunteers to sensitize the community on personnel health and hygiene. This year there are four medical camps were organized in collaboration with R.L. Jalappa Medical College & Hospital, local PHC team and ASHA volunteers.

#### ***Community Based Organizations:***

Over the years Pragathi project had mobilized people under various Community Based Organizations including Self Help Group, Village Development Committees, Youth groups, Children Parliament, Child Protection Committees, etc. SHGs are formed by women to work towards making the women independent, financially capable and take up leadership roles in the community leading to women empowerment and sustainability. As of now there are 42 SHGs functioning effectively with the membership of 520 women. These groups are federated in to 3 Cluster Level Associations (CLA) and further formed in to Federation. Federation (Pragathi Mahila Samsthe) was registered and is planning to establish Credit Cooperative Society. As a registered body, the Federation got a free land from the Government to construct the Federation Office.

Meetings of SHGs takes place every week to decide on the group functioning, livelihood promotion, capacity building programmes, etc., while there are monthly review and planning meetings of CLA and quarter meetings of Federation takes place. As part of the sustainability of the project, SHGs/CLAs/Federation are sanitised on resource mobilization, accessing government schemes, facilitating ownership, stakeholders' participation, network and linkages etc. CLA and Federation are also taking responsibility of facilitating children's day, women's day observations and other days of national and international importance.

#### ***Livelihood Promotions:***

The SHGs are the primary unit that facilitate promotion of livelihood through micro lending from their savings in the target villages. As of now there are no individual member who had not taken loan for venturing in to income generating activities bringing additional income to the family. Loans are

usually obtained for investing in to farming activities, animal husbandry, setting up micro enterprises, and meeting the expenditure relating to educating the children, addressing health and medical needs, meeting emergencies, maintaining the household and houses. The loaning sources is just not limited to SHGs' own savings alone, but there is also a revolving fund being provided by CLA to SHGs.

**Future Plan:**

1. Capacity building training to SHGs/CLAs/Federation on strengthening the organizations and work towards forming Credit Cooperative Society in Yeldur.
2. Mobilise an additional land space for Federation Office from the Government.
3. Review, monitor and handhold the existing SHGs/CLAs/Federation.
4. Organize health camps collaborating with government PHC.
5. Facilitate conducting annual statutory auditing of SHGs/CLAs
6. Preparation of Agriculture Business to Federation Member's.

**Activity Details: Refer Annexure**





### 2.3.2.4. Unnathi SHA-CFCD Project # Jamkandi

Since 1999, CSA has been implementing developmental projects across Karnataka, Telangana, Maharashtra Kerala and Chhattisgarh. CSA started to partner with KNH since 2002 and implementing various developmental projects for the community with sustainability as its main focus. Initially CSA implemented CFCD projects and now implementing SHA project in Karnataka and Chhattisgarh. All together there are six projects implemented in partnership with KNH. 4 CFCD project were phased out and sustained, they are managed by the registered federations in the respective areas. In all the localities the women are doing well, and the development is visible with women, their family and in the community. Livelihood is given much priority in the sustained projects. One of the sustained projects in Karnataka has started a co-operative bank in their impact village which helps the women to get good accessibility towards the banking and its services. Education to children is given more importance as the parents understand the importance of education and they send their children to school regularly. Sanitation level is improved, 80% of the beneficiaries across the project area have constructed toilets and using it.

Location	:	11 villages, Jamkhandi Taluk
Start Date	:	01/10/2014 (Pre-phase) 01/10/2015 (Phase I) 01/04/2020 (Phase II) 01/04/2023 (Extn. phase)
Project Period	:	5+3+2 years
Total number of Households	:	1340
Total number of Permanent staff	:	7+3

#### Objective –

- Sustainable improvements in quality of life and wellbeing of marginalized communities (SC and ST) and their children.
- Improved quality of life of Devadasi women and their children
- To abolish the practice of Devadasi system and many associated discriminations especially among girl children and women.

#### Target population – SC, ST and Devadasi's

#### Coverage:

Villages	SHG	CLA	Federation	Families	Children	Women	Youth
11	52	05	01	5,884	4,336	13,911	1,449

#### Major Achievements:

- Built community institutions - formed and strengthened 52 SHGs with the membership of 652 women, 5 CLAs and a Federation.
- Availability ₹50.00 lakhs as total capital net worth of with 52 SHGs.
- Goal setting and goal re-assessment – for 792 individual members and SHGs
- Observance of International Women's Day involving 650 women.

- Capacity building training for 100 women of CLAs/Federation on sustainability, project management and networking.
- Capacity building training for women on CLA/Federation strengthening (200), gender concerns (44), health awareness (526), awareness on climate change and eco concern, orange the world day (428), network meeting with Government officials for availing entitlements (40), training to SHG & CLA on availing various Government schemes (100), and training on marketing for CLA Members (91).
- Monthly review and planning meetings of 5 CLAs and Federation.
- Entrepreneurship Training to SHG & CLA members on animal husbandry (235), garments stitching (193), and food products (171).
- Livelihood promotion through financial assistance for income generation activities for 151 women.
- Exposure visits for CLA/Federation members to successful federation promoted by other organization and to successful livelihood organization (150)
- Statutory auditing of 5 CLAs.
- Promotion of Child Protection Committee (CPC) at project level by children and quarterly review and planning meeting.
- Promotion of 13 Child Parliament at village level.
- Capacity building training for children on Child Rights (118), awareness on climate change and eco concern, orange the world day (297).
- Summer personality development camp for 268 children.
- Observance of Children's Day involving 250 children.
- Functional literacy training to 57 PRI members.
- CLAs have celebrated the Annual Gathering with the support of the community contribution.
- Contributions also came from MLA (5 Cupboard), son of Ex MLA (5 Air Cooler) and private Digital shop owner (5 large Banners).

### **Impact created**

- No child is given in to marriages during 2022-23. Prevented 23 child marriages by the joint action of SHG members and CPC children over the years.
- 100% school retention in the target villages. 25 children have returned to school over the past.
- 75% of SHG members have got job card and got their employment guaranteed.
- 3 villages got the public toilets constructed advocating with PRI.
- 525 SHG members have started an individual businesses like buffalo/cow/goat rearing, petty shop, bangle business and roti business.
- 85% SHG members are successfully reached their individual goals through CLA livelihood loan.
- Group business were started by Kittur Rani Chennamma and Oneke Obhavva CLA on Garments and Hotel Business respectively. This has been a motivation for replication by other CLAs.
- Prabhavathi SHG got support from Jancy Rani CLA started Agarbathi Business.

### **Future Plan:**

#### **Social Empowerments-**

- Federation Goal Setting training and re assessment
- Capacity building training for CLA/ federation on sustainability, project management and networking
- Financial literacy training for CLA/ federation book keeping



- Federation strengthening training
- Digital literacy training to CLA/ federation
- Children's day/ SHA day with children
- Auditing of CLA/ federation
- Summer personality development camp for children
- Awareness on climate change and eco concern, orange the world
- CLA/Federation Review meeting
- Health awareness programme
- Child Rights awareness program to children
- Women rights awareness program to women

#### **Political Empowerment-**

- Networking with government offices for availing schemes
- Network meeting with CLA business supporters
- CPC quarterly review meeting
- SHA day with women/ Women's Day celebration
- Awareness on participation of women in gram sabha
- Stakeholder's meeting

#### **Economic Empowerments-**

- Exposure visits to successful livelihood by other organization to SHG/CLA/Federation members
- Federation office construction
- Livelihood income generation program
- Federation strengthening training to staff
- Market linkages training to SHG, CLA and federation business

#### **Staff capacity building training-**

- Data base training for Staff
- Agricultural and livelihood training for staff and beneficiaries
- Federation formation training to staff
- Staff exposure
- Project staff review meeting monthly
- Project steering committee meeting- quarterly
- Staff capacity building training by CSA

#### **Other future plans-**

- Completion of federation registration
- Sustainable of project
- Sustainable of federation
- Start group business in all 11 villages

**Activities Details: Refer Annexure**



**Goal Setting and reassessment**



**SHA day/Children's Day**



**Personality development camp**



**CLA Annual Gathering**



**Gender Training**



**EDP Training**



**CLA/Federation Review meeting**



**PRI members Training**



**Women day Celebration**

## Exposure Visits

### 2.4. PARIVARTHANA

Parivarthana is a zero waste management project organized to create an eco-friendly environment by implementing solid waste management practices advocating 3Rs – Reduce, Reuse, Recycle. Born out of CSA’s “Trash to Treasure” project Parivarthana unit came into being in May 2008 with a view to improving waste collection, recycling and livelihood promotion. Beginning to serve the slum community in Rajendra Nagar and Ambedkar Nagar, Parivarthana has been serving and the University for 15 long years commissioning focusing on i) Collection and Segregation of waste, ii) Recycling paper and producing handmade paper, iii) Producing Compost, iv) Producing Bio-gas, and v) Treating & recycling water. Since 2008, it has been creating both a social as well as an ecological impact through organized efforts to ensure proper waste management practices with the relenting help of the women working in the unit and the students in the campus.

#### Waste Collection and Segregation

Bangalore Central Campus of the University during 2022-23 generated over 2.27 lakhs kg of wastes, which comprises of wet waste (70%), dry waste (27%) and reject waste (3%). Wet waste is further segregated for producing bio-gas and producing compost/manure. During 2022-23, 61,601kgs of dry waste generated by the campus was sold and brought a revenue of ₹4.22 lakhs. Parivarthana has been providing the learning platform for the student community and general public to get sensitized, trained and involved in different waste management processes including segregation of waste, manufacturing of handmade papers, producing compost, generating biogas and treating waste water and thus building the future community environmentally responsible.

Type of Waste	Quantity in kg.
Dry Waste	61,601
Wet Waste (used Biogas)	1,44,480
Wet Waste (use for Compost)	14,215
Reject Waste	7,201
<b>TOTAL</b>	<b>2,27,497</b>

## Compost Unit

After segregating the wet waste like kitchen waste, fruit/vegetable waste and other bio-mass are converted in to organic manure through a treatment process of composting for a period of 45 days. The contents of the composting tank become a homogenous mixture generating revenue to Parivarthana. The input waste of 14,215kgs is processed and converted in to 4,524 kg compost/manure during 2022-23 generating a revenue of ₹1.3 lakh. The compost is sold to outside institutions and individuals besides feeding the lush garden being maintained inside the University campus throughout the year.

## Water Treatment Plant

The water treatment plant at Parivarthana involves an elaborate process to ensure that the recycled water is safe for vegetation and gardening. On an average 1.5 lakhs litres of water is re-cycled on every working day. During 2022-23, 19,387kld of grey water is treated and used for vegetation and gardening in Bangalore central campus. Similarly, grey water is being treated, re-cycled and used for vegetation and gardening in Kengeri Campus as well.

## Bio-gas

The wet waste generated in the University campus, food waste in particular amounting to 1,44,480kg is processed during 2022-23, which had generated bio-gas equivalent to 6,556kgs of LPG worth of ₹5,52,240 in terms of revenue. The slurry rich in nutrients generated is used for vegetation.

## Paper Recycling Unit

Parivarthana make best use of waste scrap paper generated by the University and recycle it by producing handmade paper and manufacture paper products of varied kinds, thus contributing towards a 'zero waste campus'. These products are supplied to the students, various departments of the University, besides other institutions like St. Joseph's University, Bangalore for seminars, workshops and conferences. This year Parivarthana had generated a revenue of ₹4.82 lakhs.

<b>Hand Made Paper Products</b> Black Sheet Folder Bottle holder Bottled Plant Business Card Box Diary Envelop Covers Examination pads Greetings Card Hard Board Folder Jewellery Box Paper Bags Pen Stands Photo Frames Plain Sheets Scrap Books STD Folder Zig Zag Album
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Student volunteers of CSA undertake awareness campaigns on E-waste management and has ensured a systematic way of e-waste collection which is then sold in the scrap market to generate revenue for the Parivarthana.

## Few Extra Mileage for Parivarthana

- Parivarthana works in collaboration with local government Bruhat Bengaluru Mahanagara Palike (BBMP) and many other civil society organizations, corporate bodies, academic institutions and slum communities.
- Reject waste is controlled and it is only 3% within the campus, whereas 10 to 15 % is permissible according to BBMP rule.
- The waste management practices of the University are recognized and has received awards from the Department of Horticulture, Karnataka, consecutively for the past 10 years, in recognition for its clean and green concept.

- Through these practices, the University is attempting to spread the idea of environment protection and promotion to student communities, general public, corporates and different stakeholders.
- CSA volunteers are enabled to join hands with other practitioners and organizations involved in the process of mitigating climate change effects including global warming.

### Learning visits to Parivarthana Unit – 2022-23

- CHRIST (Deemed to be University) faculties: 996 & students: 10,362
- International visitors: 332
- Service Learning students: 173
- Internship students: 43
- Pre-University students for one-day product making training: 220
- Commerce graduate students for one-day product making training: 9
- CU-BOSCH Bridge programme – Skill Development trainees for greeting cards making using the handmade paper: 52

CSA is envisioning Parivarthana units in all CHRIST' campuses.

graduate

**MANAGE WASTE FROM YOUR HOME AND OFFICE!**

### 2.5. INTERNATIONAL STUDENTS EXCHANGE (write up by Catherine)

CSA has tie-ups with 8 international universities, as part of bilateral cooperation on the community development program and student exchange through a Memorandum of Understanding. Students from partner universities abroad visit CHRIST (Deemed to be University), Bangalore for outreach programmes and service-learning projects. These projects last for a minimum of 3 weeks to a maximum of 6 months. Some students have taken up a year-long course as part of their academic curriculum.

Student exchange is an opportunity where international students explore problems faced by underprivileged sections in India and understand the Indian perspective of social work. The students were placed in slum development projects of CSA in Janakiram Layout and LR Nagar, Bangalore and in Non-Governmental Organizations (NGOs) based on the student's motivation and interest. In the last academic year, we had 15 students coming from Nord, VID, NTNU and HAN Universities for social outreach programme as a part of their Social Work Practicum.

This outreach programme contributes to their professional, personal development, and career. Apart from this, the students also learn through cultural exchange, gain social and service knowledge to bring about sustainable and meaningful developmental change. It brings together people from international universities with diverse backgrounds and communities to organize service activities develop leadership and professional skills with able academic instructions.



### 3. CSA CAMPUS SPECIFIC ACHIVEMENTS 2022-23

#### Bangalore Central Campus

**Events Details: Refer Annexure**

#### BGR Campus

Centre for Social Action in CHRIST (Deemed to be University), Bannerghatta Road campus has begun its journey towards realizing the vision of the University ‘Excellence and Service’ during 2016. Following the footsteps of CSA, the parental unit, Bannerghatta Road campus too implement the student voluntary initiatives through five verticals. During 2022-23, around 150 student volunteers of the campus spearheaded all the activities. This annual report encapsulates the impact created in the past year, and reflecting on the same. The initiatives taken up during 2022-23 by Bannerghatta Road campus is benefitting 40 families and 100 children.

#### **Major Achievements:**

- **Mukti Bike Challenge:** This is a week-long event organized by the NGO Oasis-India from October 29 to November 4, 2022. The objective of the challenge was to raise awareness about human trafficking and its various forms. Drishti, collaborated with Oasis-India and performed street plays in 13 different locations across India, starting from Bangalore and ending in Miraj, Maharashtra. The event had a significant impact on the community as it sensitized people about the issue of human trafficking, including child labour and sexual abuse. Street plays were performed in government schools and colleges, raising awareness among students about the risks of kidnapping. The widespread performances allowed Drishti to reach a larger audience across the country. The volunteers involved in the event gained valuable experiences and learnings. They were exposed to challenging and unpredictable situations, enabling them to better understand and navigate crisis scenarios. The event also provided the volunteers with a deeper understanding of the severity of human trafficking and enhanced their theatre skills through street plays. The experience sparked a sense of concern and motivation among the volunteers to actively contribute to the cause. The Mukti Bike Challenge gathered media attention through news articles and videos, which further amplified its impact.

- **MILAN 2023:** CRISHT Bangalore Central Campus hosted a remarkable biennial event organized by the Centre for Social Action. Over three days, it brought together children from different project areas, providing them with an array of activities and learning experiences. The event commenced with an opening ceremony featuring introductions, highlighting the project areas and initiatives, setting the stage for a memorable occasion. The first day featured a march past, games, and a lively carnival with stalls, and entertainment for children and volunteers alike. On the second day, non-stage events stimulated the children's creativity, with colouring activities and a "best from waste" competition promoting recycling. The closing ceremony included a captivating flash mob and surprises, followed by prize distribution and an after-movie capturing the event's highlights. The community was united, and children from the Bagalkot project area enjoyed a Bangalore Darshan, exploring famous landmarks. Milan 2023 had a profound impact, fostering camaraderie, sportsmanship, and talent expression among the children. Student Volunteers gained valuable skills, witnessing the positive influence they had on the children's lives, fostering empathy and understanding.
- **Ground to Glory:** Ground to Glory was held at the Decathlon Bannerghatta Flagship store from 5th to 9th March 2023, with the objective of promoting and supporting underprivileged children. The highlight of the event was the football match, where participants showcased their skills and passion for the sport. The match not only brought together players from different backgrounds but also attracted enthusiastic spectators who cheered and supported the teams. It created a sense of unity among the participants and fostered a spirit of healthy competition. Through the event's success, 'Ground to Glory' managed to raise enough funds to support the education of 12 students from project areas. This tangible achievement showcases the effectiveness of the event in making a real and lasting impact on the lives of underprivileged children. Ground to Glory brought together sports, community engagement, and fundraising to make a positive difference in the lives of underprivileged children. It created awareness, fostered unity, and raised funds to support education, showcasing the power of collective efforts in bringing about meaningful change. The event served as an eye-opener among the community, particularly the participating students, about the importance of education and the need to support underprivileged children's education. It highlighted the role education plays in empowering individuals and uplifting communities.
- **Clean Up Drive:** This drive, in collaboration with Akzo Nobel and Youth for Seva, revitalized the surroundings of Mahatma Children's Home. With dedicated volunteers and assistance from BBMP workers. The area was cleared and the walls were scrubbed and painted. The drive had a positive impact on the community, making the area more accessible and discouraging future waste dumping. Volunteers gained valuable knowledge on waste segregation and developed a sense of rapport. The event showcased the power of collaboration and the importance of collective action for environmental sustainability. The Clean Up Drive left a lasting impression, fostering a sense of pride and responsibility among the community members and inspiring future initiatives. The Clean Up Drive resulted in a significant improvement in the cleanliness and hygiene of the surroundings, making the area more pleasant and inviting for the community and the residents of Mahatma Children's Home. It significantly enhanced the quality of life for community members and residents in the neighbourhood. A cleaner and more aesthetically pleasing environment created a positive and uplifting atmosphere, contributing to overall well-being. By removing accumulated waste and debris, 'the drive' also helped to eliminate potential health hazards and



improved safety in the community. Reduced litter and properly managed waste reduced the risk of diseases, pests and accidents.

- ***Irenic:*** Irenic, focused on promoting positive mental health and coping mechanisms among students. The event, held over three days, aimed to raise awareness about mental health and combat the stigma surrounding it. The event featured stalls sensitizing students to different mental disorders and illnesses. An interactive workshop was conducted in collaboration with MACS (Mentoring and Counselling Services) to provide students with practical coping strategies. An orientation session on self-compassion was conducted by Miss Ridhi Pugalia, a Mental Health expert, emphasizing the importance of mental well-being. Irenic served as a timely reminder for students to prioritize their mental health in a competitive and stressful world. By promoting awareness, providing practical tools, and encouraging open dialogue, the event contributed to the overall well-being of the community and empowered individuals to take charge of their mental wellness. Students were encouraged to identify and understand mental health conditions portrayed by various characters from movies and web series. This exercise fostered empathy and a deeper comprehension of the diverse challenges individuals face regarding their mental well-being. Irenic successfully raised awareness among students about the importance of mental health. Through the event, participants gained a better understanding of different mental disorders and illnesses, breaking the stigma surrounding these issues.
- ***CSP Carnival:*** The Child Sponsorship Programme (CSP) Carnival, held on 21st January 2023, was a heart-warming event. The event began with enthusiastic preparations as CSA members discussed the interaction between students and children, along with decorations and arrangements. Children arrived in batches, radiating excitement. Highlights included interactions with first-year students from various departments, fostering curiosity and mutual learning. CSA star badges and lollipop accessories were awarded, and a grand entry was made through a rainbow carpet. Throughout the day, children engaged in fun activities and games, including Cupomatic and computer science exploration. A workshop on consent by MACS empowered children with knowledge of personal boundaries and the importance of saying "no". The Child Sponsorship Programme (CSP) Carnival created awareness among CHRIST (Deemed to be University) students about the positive impact their contributions can make in the lives of underprivileged children. The workshop on consent, conducted by MACS empowered the children with knowledge about their rights and limits, promoting a sense of empowerment and self-awareness. Through activities like Cupomatic and computer science exploration, the children had the opportunity to develop new skills and expand their knowledge in a fun and interactive manner.

#### **Benefit to Volunteers:**

- The volunteers gained a sense of purpose, satisfaction and fulfilment from contributing to a worthy cause. They were making a difference in the community.
- The volunteers developed a sense of unity and belonging through their engagement with the community and contributed significantly to society.
- Participating in events like a clean-up drive allows them to see tangible results and witness the positive impact of their efforts. It increases their understanding of the importance of waste reduction, recycling, and maintaining clean surroundings.

- The volunteers were exposed to more challenging and unpredictable circumstances, which improved their comprehension of and ability to deal with crisis situations.
- Events like Mukthi Bike Challenge enabled the volunteers to gain more awareness and insights about serious societal issues like human trafficking and child labour. It taught them to adjust to the surroundings and made them realise the importance of being grounded.
- The volunteers acquired professional abilities such as managing a team and cooperating with outside teams to accomplish a common objective. It taught the importance of teamwork, how a team supports and complements each other.
- The flagship event of MILAN 2023 helped volunteers to learn and know more about our project area children and understand the necessities of life and the value of luxury. This event also helped them in learning management and organisational skills.
- Volunteers gained an insight on how things work on an actual ground level and CSA as a whole impact the community. It made them realise how every small effort contributes to society.

### **Benefit to Community:**

- Plantation drives enabled the locality to be transformed from contaminated dwellings to beautiful and safe environments with improved soil, air and water quality. Further motivating the local residents to keep the place maintained, green and clean. Preventing piling up of garbage and reduced pollution would prevent infectious diseases, boosting cleanliness and hygiene.
- Nutrition kit drive sensitized the families of the project area children about good nutrition and with the initiative of distributing rations to these families, they were able to provide for their household food with high nutrition enabling a practice of healthy eating and diet for the coming youth.
- Street plays and Mukthi Bike Challenge sensitized the people of various localities about pressing social issues. It empowered people to take action whenever such incidents took place. The advantage of partnering up with NGOs in the same cause allowed the actors to also inform the audience who they can approach in similar situations further spreading significant awareness. Making people more aware by telling stories of the pain a girl goes through in a society that has oppressed her further educated and sensitized about the disheartening side of the society and how there is an urgent need for change. The impact of MBC was massive as it was performed in over 13 locations about human trafficking and what should be the immediate response when one encounters such a situation.
- CSP fund raising activities enabled a sense of giving and caring for the underprivileged among the college students and through the help of which, children's education was able to be funded.
- Milan allowed the holistic development of the children from our project areas, inculcating a healthy habit of physical activity in their daily life while learning and having fun. The children learnt the importance of diversity as they mingled with children from other project areas and built a spirit of sportsmanship in a friendly environment.

### **Future Plan:**

- Strengthen the collaboration with other NGOs.
- Strengthen the volunteer engagement through newly formed co-harts for Student Voluntary Body.
- Conduct CSA week
- Promote rural camps for students.
- Establish Parivarthana Unit in the campus.
- Facilitate events to improve and develop skills among volunteers by workshops and interactive sessions and collaborations with individuals and organisations.
- Promote ‘Social Entrepreneurship’ for engaging the Christ community in order to inculcate sustainable ideas and provide a platform for volunteers to engage and learn from influential entrepreneurs and to foster a space of creative ideas to direct the future towards impactful, green decisions.
- Create skits/plays to be performed by Drishti this year addressing the audience from slum areas to schools to malls focusing a wide range of topics such as addiction, abuses, health and wellbeing, and environmental concern.
- Conducts events such as Career Fest, Anti-Plastic campaign, waste management, etc.

#### Events Details: Refer Annexure

### DELHI NCR Campus

CSA was established in CHRIST Delhi NCR campus during 2019 with a vision to make every student aware, sensitive, empathetic and contributing to sustainable changes in the society. CSA is a centre for promoting volunteerism and enabling students to develop as socially responsible citizens through developmental initiatives. As a student volunteer body CSA over the years engaging student volunteers in social development initiatives through i) Activity Centre - education and skill development, ii) Maitri - environment sustainability, iii) Drishti - act, react and impact, iv) Media and Communication - create, express and reform, and v) Anti Human Trafficking Club, facilitated by inter-dependent student wings.

During 2022-23 CSA provided a platform to 425 students to learn be responsible and respectful towards society and to work for a cause engaging in volunteering activities, which helped them to connect with the society and thereby contributing towards sustainable change in the society. CSA had strongly engaged in addressing issues related to child rights, socio-economic development of women, youth and farmers, livelihood, community mobilization, animal rights and environment/climate change issues in 2 slums of Delhi NCR (Bombay Colony and Nai Basti).

#### Coverage:

Slums	Families	Children	Women	Youth	Total
Bombay Colony	40	60	40	12	152
Nai Basti	35	45	25	10	115
<b>Total</b>	<b>75</b>	<b>105</b>	<b>65</b>	<b>22</b>	<b>267</b>

#### Major Achievements:

- **Early Learning and Training Centres:** There are two activity centres being maintained 'Neev' at Bombay Colony and 'Buniyad' at Nai Basti. These centres are functioning from afternoon till evening providing supplementary education to 70 children from the locality, besides providing non-formal education to children for enrolling them in formal schools. CSA volunteers work with children engaging them with various soft skill development activities, developing communication skills, art, sports and culture, and group activities that enhances their talents and promote team work. Republic day painting competition was conducted for children of Buniyad centre with participation of 44 children. Unnathi, an awareness session on good touch and bad touch was organized for the children at Ghaziabad on 30 Jan 2023, benefiting 32 (12 boys and 20 girls) children at Neev centre. Student volunteers from the university facilitated the learning through videos and group exercises. Sixty children from Buniyad centre were provided with educational kits, which ensured the responsible learning among the marginalized children.
- **Skill Development Training to youth and children:** Around 55 children and youth were provided with skill building training in working with the computers during 2022-23. Student volunteers have been the computer teachers in training them in familiarising with computers, using computers/mobiles for internet browsing, building knowledge through using search engines and sourcing information, accessing on-line services, etc.
- **Sensitization of women:** Women are benefitted through various sensitization sessions on different issues and concerns topics that are related to their everyday life. In the bargain even the student volunteers also got themselves sensitized on various issues affecting the poor and marginalized communities in slums.
- **Health promotion:** Conducted free one each health camp in both the slums and adopted schools, and conducted blood donation drives in collaboration with a Government Blood Bank and have facilitated free blood to the poor and needy. CSA also facilitated distribution of free wheel chairs to the differently abled persons. There was also three sensitization facilitated by student volunteers on Mental health and wellbeing in collaboration with the Department of Psychology on 6 & 9 July 2022 and 11 July 2023, benefiting a total of 81 children. A workshop on Menstrual Hygiene was conducted on 8 Mar 2023 for 34 adolescent girls of Bombay colony. CHRIST, Ghaziabad faculty had sensitized the participants for adopting low cost but safe hygiene practices and disposal of used menstrual products.
- **Livelihood promotion:** Workshops Sustainable livelihoods through small enterprise training programme for women of the slum areas was organized to empower them through skill training and through activities like Rakhi Making and Computer Saksharta. 32 children from Bombay Colony got trained in Rakhi making on 28 July 2022 by the student volunteers, while 15 children were trained developing skills of computer literacy by Department of Science, CHRIST Ghaziabad campus on 17 Feb 2023.
- **Eco-Ville:** On 6<sup>th</sup> Aug 2022, the volunteers conducted a special drive for collecting clothes and stationeries for the children of the project area. Mobilized clothes and stationeries were distributed to 45 children and helped to have additional clothes and basic stationeries for aiding their learning.
- **Clean-up Drive:** Around 400 students came together to promote cleanliness around the University campus on 8<sup>th</sup> Oct 2022. National Cadet Corps (NCC) from the nearby government

school had also participated in the drive, which was witnessed by a larger community, signalling them about the importance of keeping the environment clear and hygienic.

- **Udaan:** Christmas Carnival for the children of project are observed in the campus on 15<sup>th</sup> Dec 2022. Various activities including cultural programmes were performed by the student volunteers benefiting 85 children from the project area.
- **Jagruk:** The students of the university visited the adopted school to perform activity related to SDG 4 & 5, which advocate promoting quality education for all, especially girl children and ensuring gender equality and empower all women and girls. Around 250 children from the project area benefited through the programme.
- **Computer Saksharata:** A certificate programme in computer application was conducted for a period of three months for 15 children from the project area and they are provided with certificates on 17 Feb 2023.
- **Sustainable Holi:** Children from nearby 'Composite school' are sensitized 08 March 2023 on safe and sustainable 'Holi' festival celebrations. Around 250 school children learnt the pre and post safety measures to be maintained while celebrating 'holi'.

#### **Benefit to Volunteers:**

- Student volunteers became aware of the necessary policies and how they can help to aid the development of marginalized communities.
- Volunteers at CSA, are dedicated and committed regarding current social, political and economic matters, which can contribute to their holistic development, build up greater awareness and empathy towards society and its people, as they grow academically.
- They work with women, children of the marginalized section and understand the ground reality of the country that we live in. Volunteers also experienced personal growth in terms of working with the marginalized, addressing social issues, developing skills, building connections and networking.

#### **Benefit to Community:**

- The Centre for Social Action taken up various activities and events this year that would help for the betterment of the community to aid empowerment of people and to build sustainable communities.
- The children in the community get the opportunity to visit the university campus participating in various activities conducted for them in the campus like Christmas carnival, children's day celebration and they ultimately carry with them a dream to take up higher education.
- Many of the families have understood the need for quality and time appropriate education to their wards. There is gradual reduction in school dropout rates and an increase is noted in school retention. Events like the Child Sponsorship Day motivates students to strive for the best.
- Health seeking behaviour of the marginalized community is on the increase. They attend to the common ailments by approaching nearby health centres and hospitals for accessing treatment. Medical camps and blood donation camps promotes helping healthier individuals in the community.
- Street plays have been an important source of building awareness among the community on social issues.
- Programs on financial literacy for women and opening of a bank account have aided in the benefit of the women in the community.

### **Future Plan:**

- Forming and strengthening SHGs in the project area, with the aim of empowering the women and also to sensitize them about various issues being faced by them.
- Establishing a tailoring unit and train young girls and women to take up tailoring as profession and guide them to become independent.
- Setting up a library at the Composite School, which would help the children to get an exposure to read books other than the course/subject book.
- Establishing a paper recycle unit in Ghaziabad campus, so that the paper waste generated can be recycled and reused, besides generating awareness on waste management.
- Organizing health camps in the community and Govt. Schools in the project area and to provide free medical check-up.
- Organizing blood donation camp in order to make available the free blood supply to the poor and the needy in collaboration with a government blood bank.
- Adopting a village and work with the community for facilitating student exposure and learning in understanding the problem being faced by the community and propose appropriate remedial measures.

### **Events Details: Refer Annexure**

## **Kengeri Campus**

Centre for Social Action began its operations in Kengeri campus during 2010-11. CSA is a platform for students to volunteer to play their role in volunteering for social issues. CSA from Kengeri campus makes sure that students balance their academic excellence with their social responsibility. This annual report consists of the details, impact, benefits for the community impacted by CSA, Kengeri during 2022-23 engaging 500 student volunteers and 90 children.

### **Major Achievements:**

- **Waste Management Survey:** The waste management practices previously implemented on the Kengeri campus had proven to be ineffective due to an inadequate number of dustbins, poor waste segregation, and improper waste disposal. To come up with more effective strategies and initiatives, a survey was conducted with an intention of suggesting specific initiatives and long-term solutions. The volunteers collected the required data for the same, including the number of dustbins and the number of people generating the waste in comparison according to the crowd and requirements of specific eateries. This survey came out with recommendations of dustbins aligning with number of students and new initiatives and strategies that can be implemented to pave the way for a better waste management system and a cleaner and greener campus.
- **Ribbon's Club:** The Ribbons Club conducted several activities since January 2023 to generate awareness on various social issues and concerns by reaching out to communities. 'Disha', in

Kengeri campus review literature and identify topics that are of social importance and plan appropriate awareness activities to be conducted across the campus and other locations outside the campus. Some of the social issues that were addressed include Substance Abuse, Gynaecological Cancer, mental well-being, etc.

- **Disha Engineering Projects:** Engineering projects under Disha Wing is an ambitious endeavour aimed at integrating various engineering disciplines to develop innovative solutions and tackle real-world challenges. This project brings together the brightest minds from different engineering branches within CSA to collaboratively design and implement cutting-edge technologies. The project team, consisting of students and faculty mentors had formulated 'Cancer detection application' (Aug 2022) and 'Incinerator' (April 2023). The team is continuing their efforts towards identifying problems in the fields of automation, robotics, renewable energy, smart infrastructure, artificial intelligence, etc. Through brainstorming sessions and rigorous evaluation, the team will select the most impactful projects that align with the goals of the Disha Wing.
- **Book Donation Drive:** CSA volunteers conducted a week-long book donation drive during fourth week of July 2022 within the Kengeri campus. At the end of the drive, 75 books were donated to this noble cause by the students, faculty as well as the college library. The books received included a wide spectrum of genres like philosophical, novel, fairy tales, self-help, grammar and art. CSA volunteers visited NEST (a home for orphans) and handed over the donated books to the children.
- **Chat Over Coffee:** This is an interactive session conducted on 29 July 2022 igniting insight of every single member and sharing of their thoughts about sustainable lifestyle. The talk also took on a slightly philosophical note, where our purposes in life was discussed and volunteers were asked to connect it to Sustainable Lifestyle.
- **Aurora:** Aurora, a remarkable event organized by the Activity Centre wing of CSA on the special occasion of Sports Day. The event extended a warm invitation to students from Sneha Jyothi and NEST schools, offering them a day filled with excitement and fun-filled activities.
- **Drishti Plays:** The CSA wing Drishti performed a play **My Body My Choice** in the campus and then later in Gopalan Arcade Mall on 24 Aug 2022. The play raised awareness of women's rights to their choices regarding their own body. The play depicted a story of 2 women with contrasting opinions on their pregnancy. While one of them wanted to keep the child, the other woman wanted an abortion. The main aim of the play was to raise awareness about the recent overturn of the Roe Vs Wade verdict in USA, where now it has become illegal to get an abortion. The play intends to spark conversation about women's rights in terms of safety, equality and societies view on women and their choices. A play titled '**Not Anymore**' performed on 23 Sep 2022 is an attempt to welcome the juniors. This play focused on the topic of anti-ragging and anti-bullying and was done in collaboration with the Anti-Ragging cell of CHRIST (Deemed to be University). It acted as a framework to let students know that they need not shun the urge to raise their voice and speak up against any form of harassment they experience or notice around them. Yet another play **Beyond the Closet** is performed on 26 Nov 2022 in the campus and later in Bayalu Ranga Mandira, near Town Hall for the occasion of Pride celebrations. The play actors put up a mind blowing and heart touching performance about the difficulties that are faced by people of the LGBTQ+ community. The play was greeted with a standing ovation and a round of applause for being able to make individuals feel like they're not alone in the battle against oppression.
- **Inara:** Inara was an event aimed at initiating various activities for the development of an individual through the art of acting and street plays through various competitions, workshops

and stalls facilitated by Drishti team. It aimed to create an impact on the differently abled children of Krishna Chaitanya, a CSA project area. The event conducted for three days (29-30 March and 01 April 2023) consisted of an acting-based competition whose major themes included 'equality and quality education'. A dance-based event which was based on the themes of neuro-divergence and equality, a workshop on the expression of emotions through acting and a visit to Krishna Chaitanya's where activities were conducted to promote the well-being of the 38 children there and a few tools for facilitating the learning of these students were donated.

- **Marathon for Gynaecological Cancer Awareness:** CSA collaborated with the Sports council of the college to organize a Marathon to promote awareness of Gynaecological Cancer and the new vaccine released in India for cervical cancer on 02 Sep 2022. Volunteers engaged in distributing ribbons and face painting. A photo booth was also set up in the same spot for the promotion of the event. Aside from students, we also had non-teaching and teaching faculty join us for the marathon. The event started at 4:30, and the participants completed one lap across the campus to complete the 5km marathon. Medals were distributed to the first fifty to complete the marathon.
- **Peer Education for NEST children:** Six Peer Education mentors along with CSA Activity Centre volunteers conducted regular visits to NEST, which is a home for orphans from Sep 2022 to March 2023. The aim of this collaboration was to identify any well-being issues faced by the children residing there, specifically related to mental health. The Peer mentors were chosen for this as they are trained and sensitized towards many prominent issues and were trusted to communicate with the children to get insights into what problems they might be facing.
- **English Classes for Housekeeping staff:** CSA conducted English classes for the housekeeping staff from Nov 2022 to March 2023 to teach them basic communication skills in English. The classes took place throughout the year with a particular set of volunteers.
- **Nauka Classes:** Nauka classes are an initiative towards ensuring that the students of class 10th are able to study and understand and the concepts in their respective syllabi, and pass their board exams with flying colours. Students were selected from CHRIST (Deemed to be University), and these students go once a week (from Nov 2022 to March 2023) as per their allocations and teach allotted subjects to the students. There are plenty of doubt clearing sessions and individual attention is also given.
- **Rural Exposure Camp:** A two-day rural camp was conducted at one of the project sites of CSA in Kolar district benefiting 40 student volunteers. The objective of the rural exposure camp was to sensitize the CSA volunteers to the way of rural life and its various aspect by activities like agriculture, clean-up drives and sports for 40 children.
- **Milan:** A biennial event conducted for three days (12 to 14 Feb 2023) at CHRIST involving 250 children from CSA's project sites. Volunteers of CSA was facilitating the days, providing these kids options and experiences they've never had before is a leap toward their happiness. Children took part in activities like athletics, dance, workshop, cultural nights, and many other events. Through these activities the volunteers tried to help the children who discover their hobbies, and areas of interest and help them to take a step toward realizing their goals.

### **Impact on community**

- The Weekday Classes and Weekend Visits to the partnering organisations have helped us to ensure quality education to all those children who required it the most. Also the helping staffs



of the university were also able to develop their linguistic skills, which would be helpful to interact with the students and others in due course of time.

- Inmates of Krishna Chaitanya were helped with not only getting access to education but also providing them with equipment for the good health and wellbeing of those in need.
- Various sensitization plays helped the community to speak up and raise their voice against injustices.

### **Impact on Volunteers**

- All the classes and workshops conducted by the students helped them in personal growth as it helped them enhance their communication, leadership skills as well as their ability to adapt.
- Volunteers who were engaged in plays, awareness campaigns and other things got to learn more about different community.
- Coming up with unique solutions to address and solve the problem helped our volunteers in enhancing their problem-solving skills and to ability to make quick decisions.
- Our volunteers also get to meet and interact with other people with diverse background which helped them in getting exposure to diverse perspectives and experiences and broaden their horizon, not to forget about fostering of empathy.

### **Future plan**

- Collaborations with different NGOs.
- Health and plantation drive across the Gopal Nagara village.
- Organ donation and hair donation drives amongst the students.
- Awareness generation on mental health, menstruation, nutrition, sexual abuse etc., and yoga and exercise drives to promote overall well-being.
- Career and Educational Fests will be conducted for organizations to make the children aware of the options available for them to have a brighter future.
- Clean and green initiatives, such as clean-up drives outside the campus and awareness campaigns to promote sustainability and better waste management.
- Video series and documentaries to showcase the hardships faced by the community.
- Publish CSA newsletters and magazines.
- Sensitization through 'plays' focusing on several social issues with a wide range of audience from schools, NGOs, malls to campus.
- Continue events like 'Chat over Coffee' and other interactive activities such as workshops.

## LAVASA Campus

Centre for Social Action in CHRIST( Deemed to be University) Lavasa campus started functioning from August 2019. As an important wing driven by the student promoting volunteerism among them and addressing the social concerns of the rural children and communities. The students from different cultural backgrounds and ethnicities serve together for the development of the people around them. 177 CSA Volunteers have the opportunity to explore more about the communities around the campus during 2022-23. Ensuring quality education to the underprivileged children is the major focus of CSA in Lavasa campus. Volunteers identified 3 villages near to the campus and initiated activities that helped them in developing in to more responsible citizens. More than 150 children and around 100 women from these villages have directly benefited from various activities of CSA including weekend classes for the children from nearby schools, clean-up drive, nature walk, etc.

### Major Achievements:

- **Signed MOU with KITES INDIA Foundation:** KITES INDIA is an NGO that works for the development of youth. CSA in Lavasa campus signed an MOU with them to identify and address the issues faced by youth and for developing their leadership skills.
- **Project Bridge:** Project Bridge is an important activity coordinated by the volunteers for conducting weekend classes for the school going children around Lavasa campus. More than 140 children benefitted out of this project implemented from Oct 2022 to Feb 2023 by 30 student volunteers.
- **Activity Kit Distribution:** The volunteers of Maanavee wing distributed Activity kits for 35 kids in the nearby Tribal village during Sep 2022. These kits included activity note books, stationeries, etc., which did help the children for engaging them in meaningful learning activities, thus assuring a quality education.
- **Project Pradhan:** There two events conducted under this project; one is a book donation drive and the other is collecting used cloths and stationeries. Book donation drive was an activity conducted for two days (9 & 10 Sep 2022) that collected used books of senior students and sold to junior students for a token price. The mobilized money thus collected was invested on stationeries distributed to 75 children of Project Bridge. The other event collecting used cloths and stationeries from college outgoing students, was a long drive from 31 Oct 2022 to 16 Feb 2023. Collection boxes were kept at different places in the campus by the student volunteers. Volunteers segregated the items and cloths were distributed to 50 people residing in a village near to the Lavasa campus, while the stationeries were distributed to the children of the same village.
- **Drishti Street Plays:** The volunteers of Drishti wing coordinated 4 different acts based on social issues. Anti-ragging play was conducted during Oct 2022 benefitting 60

students in collaboration with Anti-Ragging Cell and School of Law from the university, while the street play on drug abuse conducted during Dec 2022 was witnessed by around 100 common people.

- **Clean up drives and Nature walks:** Prayatna wing of CSA had conducted two clean up drives across Lavasa city as Good Deeds Day campaign during March 2023. At least one each kilometres of the area in in two different locations in Lavasa was cleaned up by 40 student volunteers. They were joined by another 50 community members in collaboration with an NGO KITES INDIA. There was also a nature walk to explore the beauty of Lavasa city involving the student volunteers and volunteers from the collaborators, which garnered the attention and support from the tourists who came to the city.
- **Cancer Awareness Day parade:** There were two events conducted on 03 Mar 2023 and 04 April 2023 to commemorate 'World Cancer Day', with the aim of raising awareness about cancer, which causes millions of deaths every year and pressing individuals across the society to take appropriate action to prevent cancer. The events benefitted approximately 50 people and 65 student volunteers.

#### **Benefit to Volunteers:**

- Opportunities to involve in the communities for their development
- Improved team building and communication skills
- Became more flexible to adapt changes and able to face challenges
- Improved social responsibility and awareness about the social issue
- More outreach other than the classroom learning

#### **Benefit to Community:**

- Aware of various social issues that are crippling their growth and development.
- Availability of good supplementary educational support to their school going children.

#### **Future Plan:**

- Continue to implement Project Bridge and organize festive programmes for kids under Project Bridge.
- Math Olympiad
- SPRING-ORA (Summer Camp)
- First Aid Training
- Arogya Stalls
- Project Blend- Interaction of the volunteers from different cohorts
- Project Sankalp- Educating the rural area people
- Medical and Blood Donation Camp
- Village Visits
- Awareness Classes for Pregnant Ladies
- Drishti Street plays reflecting social issues

## Events Details: Refer Annexure

### YPR Campus

CSA at Yeshwanthpur campus was formally established on 10 November 2022. About 250 students have registered with CSA during 2022-2023. The CSA at Yeshwanthpur campus is taking baby steps in initiating all the activities that form part of the verticals of CSA. Currently we have engaged these volunteers to work in two villages with 25 families, 50 children, 20 women and 15 youth. Efforts are on to extend the volunteering activities to Indhira Nagar near Nagasandra. The student voluntary body will structure its activities accordingly to newly framed cohorts. More focus will be rendered to waste management activities including re-cycling of waste and sensitize the students on waste management practices.

#### Coverage:

Villages	SHG	CLA	Federation	Families	Children	Women	Youth
2	-	-	-	25	50	20	15

#### Major Activities:

- **Rural Exposure:** During 2022-23, the students had an opportunity to rural immersion and learning with one of the project sites of CSA at Kolar district. A team of 49 students learnt the rural life, culture, livelihood, festivals celebrated, early childhood education centres, etc.
- **Promotion of Parivarthana products:** This was an event where sale stalls were put up for promoting recycled paper products produced by Parivarthana unit of CSA on 27 Feb 2023. Information about dry waste and wet waste collection, segregation, recycling and manufacturing paper products were shared with students. There was also stalls selling 'artefacts' made by students too. As part of the promotion, 'Drishti' team put up a street play to introduce CSA.
- **Treasure Hunt:** Prayatna wing of CSA conducted a treasure hunt and the clues were all related to the contribution of Parivarthana in waste management and on preserving the mother earth. The hunt was participated by 39 students on 24 Mar 2023. Recycled paper products from Parivarthana were also promoted through putting up a stall for selling the products.
- **Milan '23:** This is an intercampus biennial event conducted by CSA during Feb 2023, where children from all project areas come and participate in games, art and cultural activities, sports, etc., for three days. As a pre-lude to this event CSA volunteers had put up stalls to spread information about MILAN'23, and with that we also had the

Parivarthana products kept for sale. There was also play performed by Drishti team to promote MILAN'23.

- **Book Donation Drive:** CSA volunteers conducted a book donation drive for five days from 20 to 25 February 2023. The donated books were distributed to a nearby government school benefiting around 50 students.
- **Women's Day:** On 8 Mar 2023, women day was observed involving all the housekeeping staff of the campus facilitated by student volunteers. There was a technical session on mental health, and cultural activities to mark the occasion, besides a street play performed by Drishti team promoting girls' education.
- **Financial Literacy:** The non-teaching staff of the campus were sensitized on the different financial assistance and loan schemes that are available with financial institutions, especially from government. Faculties from Department of Commerce facilitated the learning session participated by 50 non-teaching staff.

#### **Benefit to Volunteers:**

- The volunteers learned about the adopting to different environment and locations to live with and learn from the community. Rural camp also helped the students to initiate actions to adopt a village community near to Yeshwanthpur campus.

#### **Benefit to Community:**

- A larger student community were enlightened on the social issues, waste management, need and importance of promoting quality education among the under privileged children.

#### **Future Plan:**

- Adopting a village community and initiate community development activities.
- Initiate waste management practices in the campus.

#### **Events Details: Refer Annexure**

## 4. KEY INITIATIVES

- Mid-day meals provided to 2 schools in Vriddhi Project area school children, Bosch skill development Students, and Parivarthana Staff. Promotion of nutrition among children and increased sensitization over the need for nutritious food intake.
- Environment promotion through planting 10,000 saplings at Bingipura landfill to increase social responsibility among students.
- Covid Courts of women- The audience were sensitized from an entirely different section of society, giving them a sense of perspective and exposing them to the harsh realities of the pandemic for women.
- International Film Festival – A unique Travelling International Film Festival that focused on Gender Equity, Diversity & Inclusion and sensitised audience.
- Ground to Glory - Fund Raised through football tournaments, sensitised students on CSP and emergence of social accountability and responsibility.
- Education and Nutritional kit distribution - Children received supplementary nutrition and family members were sensitized on the need and importance of healthy nutritious intake of food.
- Medical Camps - 200 Children in LR nagar and 100 children in Janakiram layout
- Milan - Bi annual event – Students were engaged for 2 days in University - 200 children from various CSA project areas came to campus and engaged in sports and cultural activities
- University was ranked by ‘World Universities Real Impact’ (WURI) 2023 - CSA participated - “Ethical Value”.

## 5. SPECIAL PROJECTS

CSA is also implementing a few special projects in different States/locations, viz., Kainakary, Niravilpuzha, and Snehagiri in Kerala, and Jettikundi in Karnataka.

### 1.1. Integrated Community Development Project (ICDP), Niravilpuzha, Kerala

This project is been implemented at Niravilpuzha, Wayanad, Kerala since ..... in coordination with Cyriac Elias Voluntary Association (CEVA) aimed at developing skills of the village 64 youth with diversified skill development initiatives like tailoring, driving and other livelihood activities and developing computer literacy of the 117 children.

#### Objectives:

- To provide enhanced educational support to students and help students overcome specific challenges they may face in their studies.
- To provide individuals with the necessary skills and knowledge in the field of tailoring
- To promote digital literacy skills for the children

## Impact created:

- Improvement in students' academic performance
- Enhanced confidence and self-esteem among the village children and youth.
- Creation of employment opportunities for youth, contributing to skill upgradation, career advancement and economic empowerment of the individuals.
- Empowered children with digital skills, knowledge and enabling them to navigate and utilize technology effectively.

## Major Achievement:

- **Academic Support centres:** Fifty-two children have been attending the special coaching provided through the centre. Coaching was given to the children according to the learning level. With this coaching here, there has been a good improvement in the learning standards of the children. During the vacation months of April and May, apart from the children of the centre, special tuition was given to the children of the Pannipad Colony near to the Centre. They have been able to make good academic progress.



- **Vocational Skill Development**

Vocational skill development centre has provided training in tailoring for 64 youths during 2022-2023 for a period of 3 months. Certificates were given to 10 people. After the training one student opened a tailoring shop in the town and 37 people started maintaining tailoring unit in their own homes.



- **Digital Learning Centre**

Computer classes were conducted in two batches with a duration of six months each. A total of 65 children were trained in handling the computers with various MS Office tools. After successful training two of them got jobs in Akshaya Centre being maintained by Government. It was very beneficial for the children studying in middle and high school as the computer practical classes are available only for a short time in the school and they get their learning reinforced through the digital learning centre.







## Benefit to Community:

The project benefits the overall academic performance of students in the community and reduced educational disparities within the community contributing to a stronger and more resilient community. A team of skilled tailors have ensured the livelihood of their families through supplementing the family income. A computer-literate community has promoted has helped in educating children and community members about responsible digital citizens and follow online safety practices.

## Future Plan:

- Special days of observations
- Formation of SHGs in the community
- Increased partnerships and collaborations
- Develop community outreach initiatives
- Establishing Mobile Computer Labs
- Professional Development for Staff
- Entrepreneurship and Innovation Programs

## 1.2. Saint Chavara Community Development Centre, Kainakary, Kerala

Saint Chavara Community Development Centre is (SCCDC) the social face of Kainakary village, the birth place of St. Chavara one of the prominent Social Reformers in India functioning since 2002. The focus of the activities of SCCDC is to promote the Social welfare and address problems in human lives through empowerment and liberation of people. SCCDC has conducted plethora of activities for the betterment of the members in the community including medical camps, monetary support program to enhance health conditions, awareness sessions on rescue and safety and has also contributed to the knowledge acquisition for numerous students through internship opportunities.

## Objectives:

- To improve the standard of life for the community members of Kainakary
- To generate awareness on the various health conditions and preventive measures
- To promote higher education and provide guidance
- To collaborate with various institutions to promote networking in bridging the development gaps.



## Major Achievement:

- Career Guidance Classes: A 2-days Career Guidance Class in collaboration with Chavara Friends Club was organized. Children from 15 wards of Kainakary Grama panchayat have participated the class. The participants benefitted from learning the best career choices and prepared them about better planning, exploring opportunities, and enrolment trials, etc.
- Promotion of Internship: 16 MSW students from Assumption College, Changanaserry had undergone internship training.

- Health Survey: A survey was conducted in a couple of wards of Kainakary Panchayat to assess the general health situation of the panchayat. Skin diseases was reported by most of the people, which was of polluted water in the vicinity of the panchayat.



- Improved economic status of the family through increased income potential, and the ability to break the cycle of poverty.
- Pradhithi 2022: 7 days' community study camp was conducted as part of promotion of internship and research work on SCCDC with the support of Social Work Students from Assumption College, Changanaserry during this year. Baseline study was conducted employing Participatory Rural Appraisal (PRA), home visits, Focus Group Discussion with children and Elderly.
- Promotion of Education: During the reporting period SCCDC has given away ₹85,000 towards the financial support for higher studies and professional courses of deserving and marginalized children.
- Awareness Training: SCCDC organized 10 sessions on generating awareness on pollution, and various types, sources of plastic waste, impact of plastic use, remedial measures to reduce the usage of plastic among household, etc., in collaboration with Kainakary Grama Panchayat.
- Eye camp: SCCDC organized a free eye camp in collaboration with Ahalya Foundation, Changanaserry for the senior citizens of the panchayat. Needed patients were treated with provision of free spectacles and medicines. Around 200 people had been benefitted out of the camp.



- Medical Support: During 2022-23 a sum of nearly one lakh was provided to the community members ranging from ₹5000 to ₹10,000 as a medical support for treating illnesses like cancer, bipolar affective disorder, kidney diagnosis, chronic heart diseases, and any specific illnesses that required medical surgery.
- Chavara Rescue Classes: In collaboration with Department of Health, Police, Fire and Rescue, and Excise, five rescue classes were organized in 5 wards of the panchayat. Relevant sessions covering topics like operating fire extinguishers, road safety rules, management of everyday minor accidents, minor cuts, graze bleeding and burns, laws related to liquor, narcotic drugs and psychotropic substance were discussed.
- Observing days of social and cultural importance: SCCDC had observed the Anti-drug day through conducting a poster competition involving 50 children to understand the seriousness of drug abuse and preventive measures. Onam and Christmas were celebrated by conducting various games for the members of the community to spread the love and good cheer. Visit to Elderly homes were also carried out to spend quality time with the disadvantaged population, sing carols and gift some cakes. Women's day was also celebrated by the Chavara friends Club.
- Chavara Counselling Centre: In order to provide continuous and timely counselling and professional assistance in handling the personal and professional problems the Chavara Counselling Centre was established during this year. The centre is professionally managed with counsellor. During this year the centre counselled 28 persons. Clients needing more specialized services were referred to the nearby government hospitals for psychiatric treatment and care.



### **Impact created:**

The potential impact created at Kainakary through the mentioned programs includes

- Increased access for higher education and professional education.
- Strengthened Community Resilience
- Existence of Social Cohesion and Community Development
- Improvement in health indicators.
- Increased awareness among individuals and communities for early detection and treatment of diseases resulting in increased access to essential healthcare services, and better management of chronic illnesses.
- Improved immunization coverage.

- Improved economic status of the family through increased income potential, and the ability to break the cycle of poverty.

#### **Future Plan:**

- Scaling up similar programmes and activities.
- Strengthening Collaboration and Partnerships
- Advocacy and Policy Engagement

### **1.3. Empowerment of Youth in Mala Gram Panchayat, Snehagiri, Kerala**

The project empowerment of youth in Mala gram panchayat at Snehagiri in Thrissur district, Kerala is three-year project and not at the final year of its period, focusing on the mass empowerment of youth towards community development.

#### **Objectives:**

- To contribute towards community development through youth empowerment
- To develop a resource centre and a support system to coordinate and sustain community development initiatives.
- To improve the living standards of the community through social capital generation.

#### **Major Achievements:**

- Youth Orientation: Youth Development and Leadership programme is conducted on 9<sup>th</sup> May 2022 for 22 youth from Mala gram panchayat to prepare them to meet the challenges of adolescence, adulthood and achieve his or her full potential. This programme included activities and experiences that help the youth develop social, ethical, emotional, physical, and cognitive competencies, which would help them in developing the ability to analyze his or her strengths and weaknesses. It also includes setting personal and vocational goal, having self-esteem, confidence, motivation, and abilities to carry them out.
- Goal Setting Programme for Youth: During May 2022 a one-day orientation was conducted for 20 youth on goal setting and selecting a career. Youth were guided to set goals for the life through some games and exercise. They were given a few tips on how to make a career choice and what all factors that should be considered while making a career choice. The choice of a career depends on the job prospects of the field and most certainly the interest of the candidate.
- Street Theatre Arts: This program was intended to shape lives through theatre education by enriching the theatre education experience of the youth of Mala gram panchayat. This program offered a range of academic, social, and emotional benefits to the youth. This included a greater ability to accept people with different opinions from their own and understand the diversity of ways others experience the world. A theatre art expert had sensitized 25 youth about i) the danger of addiction behaviour (both drug as well as

alcohol), ii) violence against women through performing theatre arts. A number of practical sessions and rehearsals were done.

- Seminar on Drugs and its Bad Effects on the Youth: As a part of an on-going training programme to the youth a seminar on 'Drugs and its bad-effects on the youth' was organized and participated by 40 youth. The participants were made to understand the substance use disorder caused by substances such as alcohol, marijuana, narcotics, steroids, cannabis, opium, etc. They were also helped to understand the imbalances that the substance use bringing in personal and social life.
- Rights of Minorities: 35 youth and their parents participated in sensitization session on Rights of Minorities highlighting Article 26 of Indian Constitution. Constitution provides the religious minorities the right to establish and maintain institutions for religious and charitable purposes and to manage their own affairs in matters of religion, in any manner they wish to administer and maintain such property in accordance with the law. He reiterated that the religious minorities have been assured by provisions in our constitution that their special interests - religious, cultural, educational and social are to be protected.
- Winners' Day '22: On 25th June 2022, the students obtained Grade A+ in the Mala panchayat were honoured ceremonially. Thrissur District Panchayat President inaugurated the meeting and delivered an inspiring speech. Mr. Babu.T.K gave a brief introduction about Miss: Asna Sherin, who in spite of her Spinal Muscular Atrophy (SMA), achieved Full A+ in SSLC Examination. She shared her experiences and gave a very motivational speech. She was honoured with a Certificate of Appreciation and a Cash Award. Then the School with the highest Full A+ was honoured, followed by the students who achieved Full A+ in SSLC Exam. Four selected students from Snehagiri Locality who got Full A+ in Plus Two Examination were specially honoured. These meritorious students shared the secret of their success- how they studied, how much time they spent and what was the best time to study etc. This was followed by an interactive session conducted by Mr. Babu.T.K. He gave some valuable guidelines on how to prepare for competitive examinations. The students were given opportunity to clarify their doubts thoroughly.
- Outing to Athirappilly and CSR Pariyaram: A one-day outing to Athirappilly-Waterfall and CSR Pariyaram was arranged on 28th July for the students who passed SSLC Examination in 2022. They were accompanied by Fr. Joy Vattoly, the Director, Snehagiri Society, Mr. Babu.T.K, Mr. Gikhil and Mr. Jisbin Jose. The group left from Snehagiri at 8.15 a.m. with a prayer led by Rev.Fr. Joy Vattoly CMI. They spent about two hours at Athirappilly-Waterfall. All enjoyed the scenery and the natural breeze there. Then they proceeded to 'CSR' Pariyaram which is a retreat-centre located on the bank of Chalakudy River. They had lunch over there in that serene atmosphere. After the lunch, there was a sharing session in which all the students expressed their future plan of study, revealed their aspirations and ambitions. It was followed by games, fun and some entertainments which was a kind of relaxation for everyone. Mr. Jisbin Jose who holds a Master's degree took a lively class to the students. He gave a true scenario of this competitive world and enlightened the students with his practical knowledge and relevant information that mainly focused on how to prepare effectively for competitive exams. The students

clarified their doubts from him regarding Civil Services Examinations, Training/ Coaching Centers, Necessary Sites, and the like.

- Competitive Exam Orientation cum Educational Kit Distribution: As a part of Competitive Exam Orientation, CYC Snehagiri conducted an Educational Kit Distribution in which 75 students participated. They were given a number of study materials that would enable them to prepare effectively for the Competitive exams. Several dignitaries were present at the function and they gave inspiring speeches to motivate the youth to inculcate in them a habit or desire for preparing competitive exams in a systematic manner.
- Orientation on Competitive Exam to Young Women: A meeting of Femina members was held at CYC Hall, Snehagiri on 9th June, 2022 from 6.00.p.m. to 7.15.p.m. About 40 female members and some parents were present at the meeting. The meeting commenced with a prayer song followed by the welcome speech by Rev. Fr. Dr. Joy Vattoly, the Director Snehagiri Society. Rev. Sr. Dr. Vimala CMC, the Chief-Guest, gave an inspiring talk and highlighted the need of women to come to the fore-front and become responsible leaders to lead the society. She also spoke about the necessity of growing up with moral values, promoting Christian virtues, spreading the messages of peace, love & patience and becoming ideal leaders.
- CYC Animators' and Leaders' Meet: The main purpose of this program was to review and plan for the future regarding some of the impending activities. The animators encouraged the CYC leaders-to come to the fore-front and give their innovative ideas and suggestions. They suggested increasing the frequency of the leaders' meet. It was decided to conduct the leaders meeting prior to every program as it would give more opportunities to the leaders to involve themselves in the planning level till the end when these planning are precisely executed.
- Onam "Then" and "Now": On 3rd September, 2022 CYC Snehagiri organized a unique 'Onam Celebration'. It was titled Onam 'Annum' (Then), 'Innum' (Now). The CYC members had prepared a beautiful 'Pookalam' (floral arrangements or colour sketches on the floor or ground). The celebration started at 3.00.p.m. with a prayer song. Fr. Joy Vattoly CMI welcomed the audience and declared that it was quite an informal gathering. Then the sharing session started in which many elderly people shared their sweet memories and experiences of their younger days. Their sharing was very informative and useful to the whole audience. It was a new knowledge and novel experience to the younger generation. Some of the CYC members spoke about how they celebrate Onam these days. This enabled them to compare the Onam celebration of olden days and the 'new-gen' Onam celebration. One of the participants sang a 'naadan paatu' which is a folk song sung to propitiate Gods seeking their blessings. CYC female members performed a fusion - a film song with dance which was similar to 'Thiruvathirakali' (Kerala's traditional folk dance or ritualistic dance performed by women). In a nut shell, the event was quite colourful and memorable to both the old generation and younger generation. All those who were present suggested that this new way of Onam Celebration should be continued in the future as well.

- **CYC Get-together:** In order to acknowledge and appreciate the CYC members' hard-work, Snehagiri Society organized a get-together for all the CYC members. The students were given valuable guidelines on the effective preparation for the Competitive Examinations. They were updated with the various developments that take place. The trend now is to migrate to abroad and many students don't want to prepare for PSC or UPSC, instead they want to leave India. The speakers highlighted the point that getting a government Job in India is much better than getting a job elsewhere. The students realised the dignity in getting a government job in our own country. Most of the students changed their minds and decided to pursue government jobs by intensive Competitive Exam Preparation.
- **CYC Members' Christmas Celebration:** On 22nd December 2022 CYC Snehagiri organized a Christmas Celebration for the youth of Mala Grama Panchayath. The youth took the initiative, made a crib, illuminated a Christmas-tree and hung the stars. All the youth sang the Carol Songs and joined the Santa Clause in singing and dancing to make the Christmas Celebration a meaningful one. Rev. Father Joy Vattoly CMI, the Director Snehagiri society gave the Christmas Message of Peace and Love to all those who were present. He also added that the youth should spread the spirit of peace & love. He reminded everyone that all should cultivate the habit of sharing throughout life. He emphasised the importance of competitive exams and getting a government job to settle and succeed in life.
- **Leadership:** CYC organized a programme intended to develop an insightful understanding of Leadership among the youth. Mr. Binu Kaliyadan, a well-known motivational speaker and the HR Director of training Hub, Aluva took the class on Leadership. Mr. Binu is an expert in giving motivational classes to the school and college students as well as corporates. On the out-set itself, the Resource Person stated that Leadership is the most observed but least understood phenomenon. He could capture the attention of the participants very easily. He spoke on the various aspects of leadership from his real-life situations which really had an effective impact on the participants. The session was quite lively, vibrant and interactive by itself and had lots of take-away. He enunciated that the functional leadership qualities such as good character, power, managerial capacity, initiative and responsibility are the quintessential of an ideal leader. The participants got an opportunity to play some games which go hand-in-hand with the theme 'Leadership'. The participants were given adequate time for reflection and in their feedback, they opined that the session was quite useful for their lives as they got various tips to be 'Good or Exemplary Leader' in today's world, in their own way. Resource Person: Mr. Binu Kaliyadan. Number of Participants: 30. Coordinator: Miss. Arya Kennedy

### **Benefit to Community: IMPACT**

This programme enabled the participants to promote positive relationships with both the peers and the adults.

Goal setting.

It also aimed at providing professional development for the youth including influencing public opinion that theatre education is essential and builds life skills.

Theatre Art: This program helped the youth to introduce a concept of education that allows a space for dealing with sensuous impressions, examining knowledge, experiencing disconnections, re-experiencing meaningful connections and learning "how to know." This is a different form of education than where the emphasis is merely on the "flow of information."

#### **1.4. Jettihundi, Karnataka**

##### **CHRIST HEALTH AND WELLNESS ACADEMY, JETTIHUNDI**

**Title of the Project: ‘CARE AND EDUCATION FOR 28 DISABLED CHILDREN AT JETTIHUNDI IN MYSORE, KARNATAKA’**

**Duration:** The project started for 3 years from 1<sup>st</sup> April 2021 to 31<sup>st</sup> March 2024

##### **Long Term Objectives of the Project:**

- To help children with physical and mental disabilities to move forward to the mainstream of society
- To motivate them to join with their family, with society and with peer groups
- To make them continue with normal school education

##### **Short Term Objectives of the Project:**

- To support the family members of differently abled children
- To provide proper training through various skilled activities and craft works
- To organize celebrations and entertainments for these children
- To set up interactive platform with normal children
- To provide timely health interventions, health check-ups, immunization etc.
- To organize skills and income generation training

##### **Targeted Group:**

The beneficiaries of the project are children with mental and physical disabilities at the rural areas of Mysore. The target group for the disabled support program will be children age ranging from 6-20Yrs with a mental and physical disability in the district who live in poor families that cannot afford (medical) care for their children.

##### **Inputs:**



A. Identification of differently abled children through home visits, case studies, school visits, Village hospital visits, and group orientations etc.



- Home Visit



- School Visit

- Village Hospital Visit

- Group Orientation Program



B. Regular classes and skill development training sessions



### C. Regular Health Check-ups and monitoring of Health



### D. Awareness programmes for the parents

### E. Interactive platform with normal children



### F. Celebrations and Entertainments for the children

- Ayuda Pooje

- Children's Day



● Disability Day

● Diwali



● Father's Feast Day



● Gandhi Jayanthi

● Christmas Celebration



● Kannada Rajyothsava

## Impact

- A. Awareness in the community about the importance, care, and protection required for the children with disabilities.
- B. Awareness about the School, as home for the disabled children
- C. Minimization of maternal/infant deaths and disabilities cases
- D. Minimization and decline in cases of malnutrition and causalities through different disabilities especially in children.
- E. Positive attitudinal change of public towards differently abled children
- F. Differently abled children character formation and personality development
- G. Improve in capacities of the disabled children

## Coverage:

Numbers Covered								
Villages	SH G	CL A	Federation	Families	Children	Women	Yout h	Any Other
50 plus	-	-	-	30 plus	25 plus	50 plus	-	-

## Major Achievement:


- **VIJAY M – Age 8 yrs (Address: Beerihundi Village, Mysuru Tq, Mysuru Dt, Karnataka )**

Vijay M was one of the students of our school and had a disorder called Cerebral palsy (CP). CP is a group of disorders that affect a person's ability to move and maintain balance and posture. CP is the most common motor disability in childhood. Cerebral means having to do with the brain. Palsy means weakness or problems with using the muscles. After a surgery, proper guidance and medication he is able to walk and stand on his own feet. As per the Doctor's suggestion he will be able to go to school after proper rest.

## Future Plan/Way Forward:

- To identify more children with disabilities by extending our survey and field work activities
- To create mass awareness on the need of special care and protection for children with disabilities.
- To provide more advanced trainings and coaching to our students.

- To make use of every chance to bring children with disabilities to the mainstream of living.



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