ENERGY AUDIT REPORT

CHRISTIAN COLLEGE
Kattakada
(Affiliated to the University of Kerala)

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The Society for Higher Education, South Kerala Diocese (SIUC) has entrusted **M/s. Indira Babu Energy Ventures Pvt. Ltd, (Vydyuthi Energy Services),** the work of conducting an Energy Audit, at the Christian College, Kattakkada, Thiruvananthapuram.

The Energy Audit was carried out by the following qualified and experienced energy auditors/professionals of Vydyuthi Energy Services.

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4. Er. Akhil Dev D J, Energy & Market Analyst

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(Vydyuthi Energy Services)

Thiruvananthapuram

14-04-2021

Vydyuthi Energy Services (VES)

Vydyuthi Energy Services (VES) under Indira Babu Energy Ventures Pvt. Ltd, located in Kerala, India with services focused on energy sector. VES helps businesses and organizations across sectors to identify energy efficiency drivers and enable them to adopt viable action plans.

VES is empaneled as Energy Auditing Firm under Energy Management Centre Government of Kerala with Empanelment No: EMCEEA-4720E

VES works with the vision of supporting the economy in achieving the Sustainable Development Goals (SDG) target by 2030. The important focus of the activities are to Enhance awareness, acceptability and applicability of energy efficiency and renewable energy technologies and provide energy services to build a sustainable future for generations to come Other than energy auditing, VES offers consulting, training, project management services and R&D in the below areas for businesses in India and abroad

- Energy Efficiency
- Renewable Energy
- Power Quality assessment
- E-Mobility
- Carbon Accounting.

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1. Executive Summary

The objective of this Energy Audit and Report is to evaluate the current energy efficiency and prospective energy saving potential of the College - C**hristian College**, **Kattakkada, Thiruvananthapuram**, to achieve greater energy efficiency and reduce energy consumption, while maintaining current level of occupant's comfort**.** Indira Babu Energy Ventures Pvt. Ltd (Vydyuthi Energy Services), conducted the Energy Audit in the College on 8th & 9th April 2021.

The **Christian College**, **Kattakkada, Thiruvananthapuram**, is under the Electrical section, Kattakkada of Electrical Division Kattakkada, with **Consumer Nos.1145529000140**(Science Block, Auditorium etc.,Connected load 36kW, LT-6A, three phase with average monthly energy consumption of 1673kWh) **& 1145523000141(**Administrative Block, Arts Block, Central Library Building etc., Connected load 10kW, LT-6A, Three phase with average monthly energy consumption of 2624kWh.)

The details of the Energy Audit with calculations and energy saving potential together with cost-benefit analysis are included in this report. The report finds prospects in improved energy efficiency of the College.

It is observed an **Energy saving potential of about 6617kWh per year, for Consumer No.1145529000140**, resulting approximate annual financial savings of **Rs.37719.**

&

Energy saving potential of about 6805kWh per year for Consumer no. 1145523000141, resulting approximate annual financial savings of **Rs.44234.**

Table 1.a. Retrofitting in Buildings – Science Block, Auditorium etc. (Consumer no.1145529000140, Connected load- 36kW)

Sl No	Description of work	Rate per item (Rs.)	No. of items required (Nos)	Investment Required (Rs.)	Annual Energy Saving Potential (kWh)	Annual Financial Savings (Rs.)	Pay back Period in Years
1	Retrofitting T12 Fluorescent Tube lights with 18W LED Tube light	400	25	10000	374	2132	4.6
3	Retrofitting T8 Fluorescent Tube lights with 18W LED Tube light	400	125	50000	990	5643	8.8
4	Retrofitting Compact Fluorescent Lamp(CFL) with 7w LED bulb	160	10	1600	69	395	4
5	Retrofitting old inefficient ceiling fan with BEE star rated ceiling fan with service value 4.0 or above	2100	145	304500	5184	29549	10
Total				**366100**	**6617**	**37719**	**6.8**

Energy saving potential of about 6617kWh per year, with an annual financial savings of Rs. 37719(approx.) . Investment required is about Rs. 366100.

Table 1.b. Retrofitting in Buildings – Administrative Block, Arts Block, Central Library Building etc.(Consumer no.1145523000141,connected load-10kW)

Sl No	Description of work	Rate per item (Rs.)	No. of items required (Nos)	Investment Required (Rs.)	Annual Energy Saving Potential (kWh)	Annual Financial Savings (Rs.)	Pay back Period in Years
1	Retrofitting T12 Fluorescent Tube lights with 18W LED Tube light	400	7	2800	209	1359	2
3	Retrofitting T8 Fluorescent Tube lights with 18W LED Tube light	400	135	54000	2138	13897	3.8
4	Retrofitting Compact Fluorescent Lamp(CFL) with 7w LED bulb	160	4	640	25	163	4
5	Retrofitting old inefficient ceiling fan with BEE star rated ceiling fan with service value 4.0 or above	2100	124	260400	4433	28815	9
Total				**317840**	**6805**	**44234**	**4.7**

Energy saving potential of about 6805kWh per year, with an annual financial savings of Rs.44234(approx.) . Investment required is about Rs.317840.

2. Introduction

The **Christian College**, **Kattakkada, Thiruvananthapuram**, functions in various buildings. This College was established in 1965 and is an Arts and Science College, under the Society for Education of the SIUC community of the Church of South India and registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act XII of 1955 and is affiliated to the University of Kerala and recognized by the University Grants Commission.

The major sections in the College, include Administrative Block, Arts Block, Science Block, Auditorium, Central Library Building etc.

Data regarding connected loads and usage pattern, were identified during the Energy Audit and preliminary survey on 8th & 9th April 2021. Below image shows the building, where Audit was carried out.

Image 2.1: Christian College, Kattakada Building front view

3. Connected Load Description

The various buildings have major loads, which include Lights, Fans, computers, Air Conditioner, water pump etc, and office use appliances.

Most of the Lights used are T12/T8 Fluorescent Tube lights, which are not energy efficient. LED & CFL lights are rarely used, which are comparatively energy efficient. Fans used are of ordinary inefficient type and most of the fan regulators are ordinary inefficient type. Electronic fan regulators are rarely used, which are energy efficient.

Air conditioners are BEE Star labelled, which are energy efficient, and Air conditioned rooms are not, properly, air tight, viz, Ground Floor AC room of Administrative Block.

Computers used are of energy efficient models.

The total connected load is 36kW for **Consumer No.1145529000140** (Science Block, Auditorium etc.) and 10kW for **Consumer no**.**1145523000141 (**Administrative Block, Arts Block, Central Library Building etc,), as per utility Electricity bill. However, the sum of connected load accounts to approximately 37.5Kw for **Consumer No.1145529000140** and 24kW for consumer no.**1145523000141**, as per the available data collected during the energy audit. This increase in connected load needs to be regularised at the concerned Electricity Office.
The details of each appliance, in terms of location and numbers are provided in Annexure 1 of this document.

Image 3.1: Energy Efficient LED Tube light and Electronic type Fan regulator

Image 3.2: Old Inefficient type Tube light and Resistor type Fan regulator

The load pattern observed are as shown in tables 2.a and 2.b respectively, according to the available data, during the energy audit. The load details, with number of each appliance, are shown in annexure 1. The contribution of each appliance to total connected load is shown in images 4.a and 4.b, for the buildings, respectively.

Table 3.a : Load Distribution
(Consumer No. 1145529000140)

Loads	Total Wattage (W)	Percentage of load (%)
T12 & T8 Tube lights	5800	15
CFL & LED lighting	1525	4
Ventilation (Fan)	12125	32
Air conditioner	6300	17
Computer and peripherals	1440	4
Pump	5968	16
Other appliances	4522	12
TOTAL	**37500**	**100.00%**

Image 3.a.Load Distribution chart
Consumer No. 1145529000140

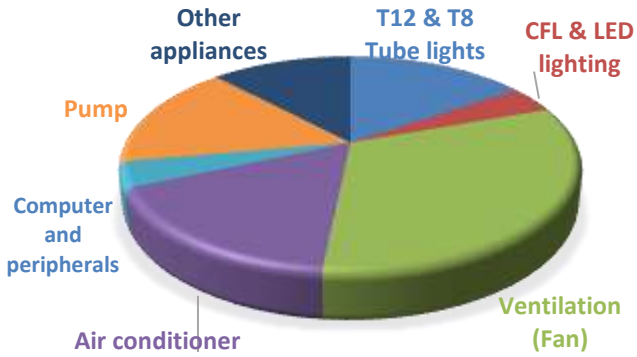
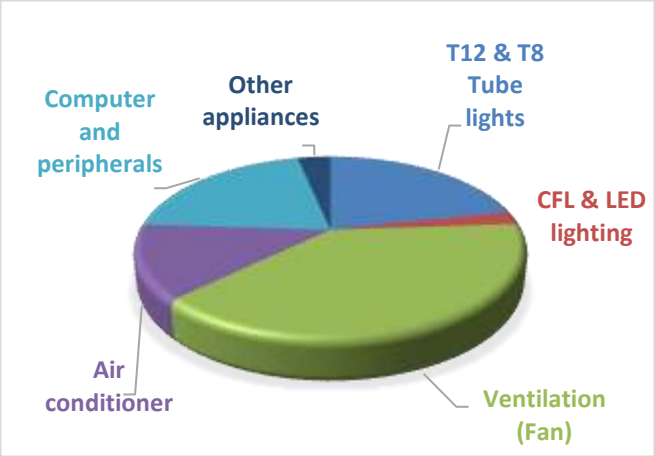


Table 3.b: Load Distribution
(Consumer No. 1145523000141)

Loads	Total Wattage (W)	Percentage of load (%)
T12 & T8 Tube lights	5098	22
CFL & LED lighting	515	2
Ventilation(Fan)	9390	39
Air conditioner	3200	13
Computer and peripherals	5000	21
Other Appliances	800	3
TOTAL	**24165**	**100.00%**

Image 3.b.Load Distribution chart
(Consumer No. 1145523000141)



4. Energy Performance Analysis

The details, calculated approximate annual energy consumption of various loads, are shown in tables 3.a and 3.b. From the pie charts in images 5.a and 5.b, it can be seen that major energy consumption are by Ventilation (Fan), Lighting, Air conditioning and computers.

Most of the existing lights are inefficient T12 & T8 fluorescent tube lights and these can be replaced with LED lights. The fans used are of ordinary inefficient types and these can be retrofitted with BEE Star labelled fans. The calculations are given in Section 7.

Table 4.a.: Annual energy consumption-Equipment wise (Consumer No. 1145529000140)

Loads	Annual energy consumption (kWh)	Percentage of annual energy consumption (%)
T12 & T8 Tube lights	2552	13
CFL & LED lighting	201	1
Ventilation (Fan)	15551	79
Air Conditioner	176	1
Computer and peripherals	120.648	1
Pump	984.72	5
Other appliances	150	1
TOTAL	**19735.95**	**100.00%**

Image 4.a.: Annual energy consumption chart-Equipment wise (Consumer No. 1145529000140)

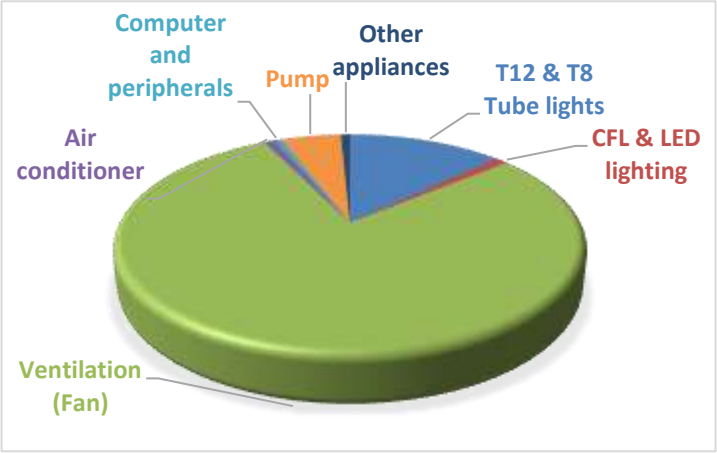


Table 4.b. : Annual energy consumption –Equipment wise
(Consumer No. 1145523000141)

Loads	Annual Energy Consumption (kWh)	Percentage of energy consumption (%)
T12/ T8 Tube lights	4597	15
CFL/LED lighting	508.64	2
Ventilation (Fan)	13338.6	43
Air conditioner	4224	14
Computer and peripherals	5293.2	17
Other Appliances	2800	9
TOTAL	**30761.44**	**100.00%**

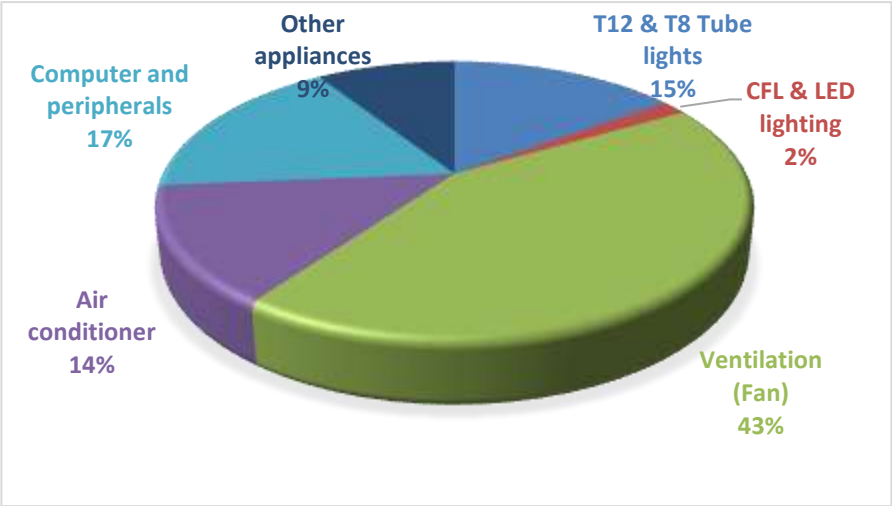
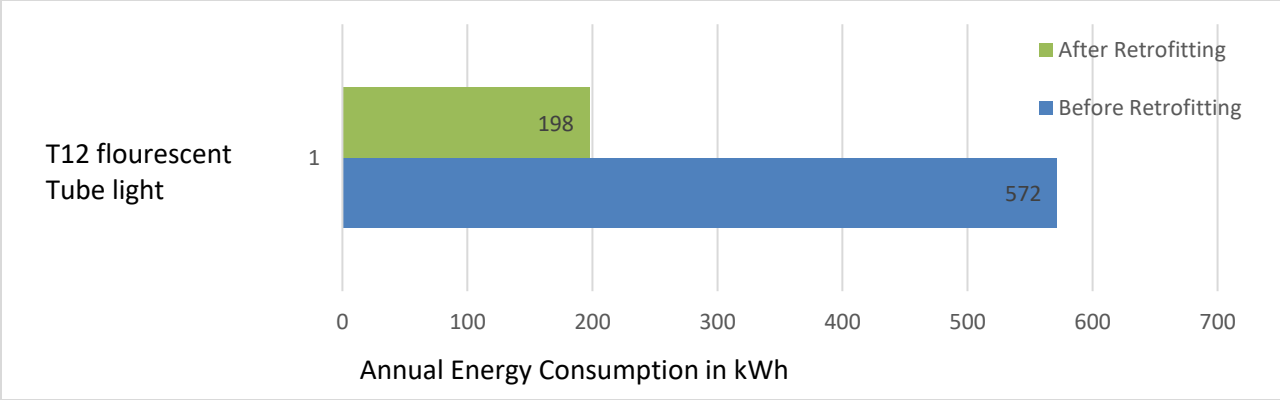


Image 4.b. Annual energy consumption chart–Equipment wise
(Consumer No. 1145523000141)

5. Energy Saving Potential

An annual energy savings of about 35**%,** is assessed, by retrofitting inefficient Lights & Fans with Energy Efficient Lights & Fans. Below are the important recommendations and the bar graphs 8.a and 8.b show comparison of existing energy consumption and reduced energy consumption, as per the recommendations for the two consumer numbers, respectively.

1	Replacing the existing T12 Fluorescent Tube lights and T8 Fluorescent Tube lights with 18W LED Tube light.	LED Tube light
2	Replacing the existing CFL lamps with 7 W LED bulbs .	LED Bulb
3	Replacing the existing old & inefficient ordinary fans with BEE star rated ceiling fan with service value 4.0 or above. (Energy Saving calculation done considering the power consumption at full speed.)	BEE star rated fans



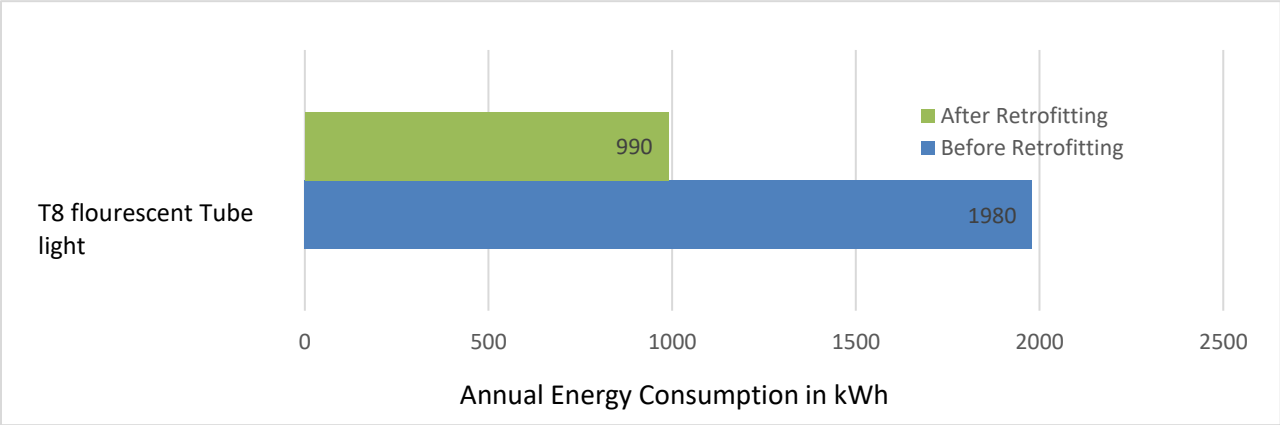


Image 5.2 Comparison of energy consumption before and after retrofitting T8 fluorescent tube lights in Consumer No.1145529000140

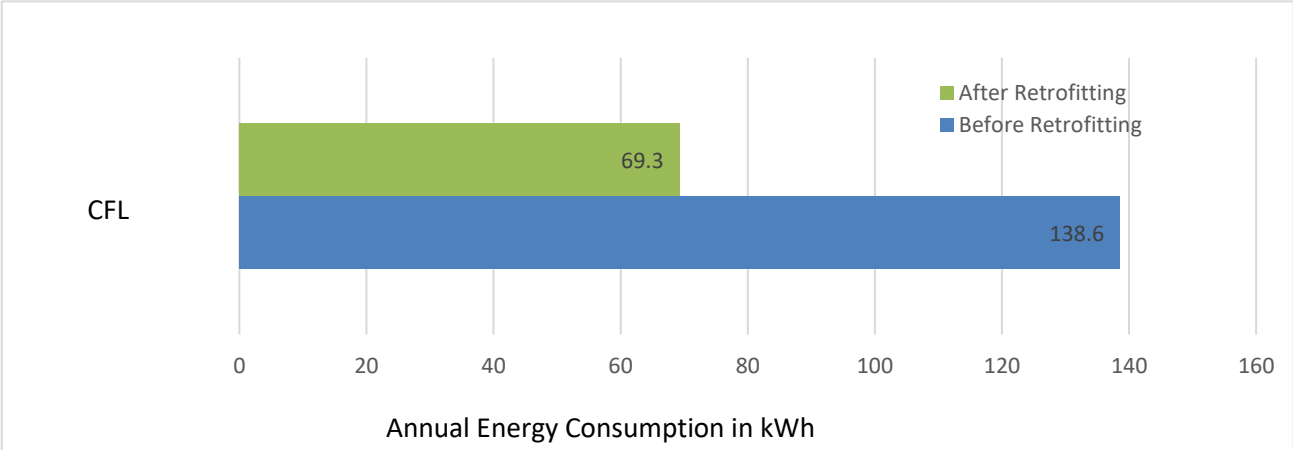


Image 5.3 Comparison of energy consumption before and after retrofitting CFL Consumer No.1145529000140

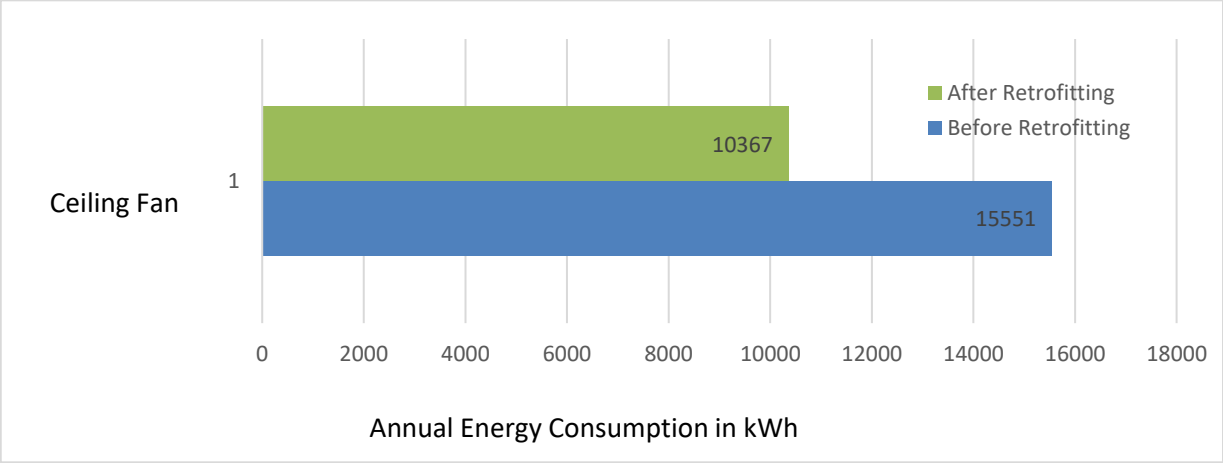


Image 5.4 Comparison of energy consumption before and after retrofitting Ceiling fans in Consumer No.1145529000140

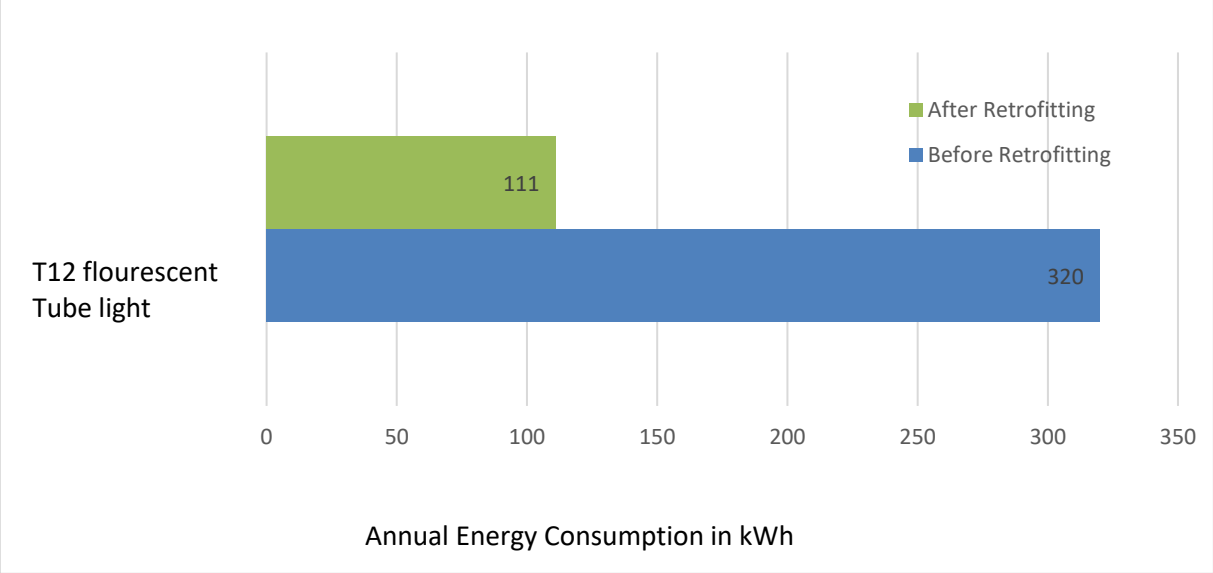


Image 5.5 Comparison of energy consumption before and after retrofitting T12 fluorescent tube lights in Consumer No.1145523000141

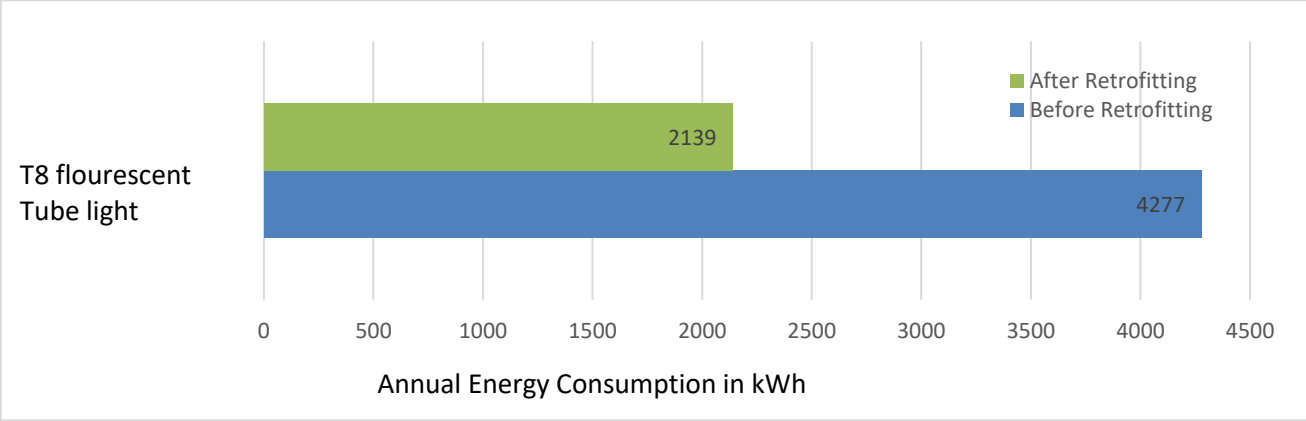


Image 5.6 Comparison of energy consumption before and after retrofitting T8 fluorescent Tube light in Consumer No.1145523000141

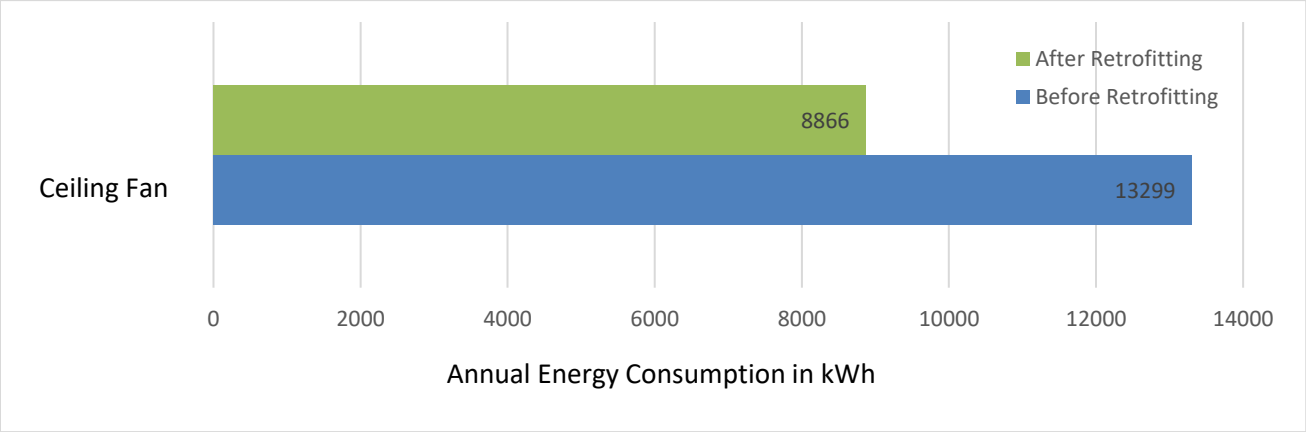


Image 5.5 Comparison of energy consumption before and after retrofitting Ceiling fans in Consumer No.1145523000141

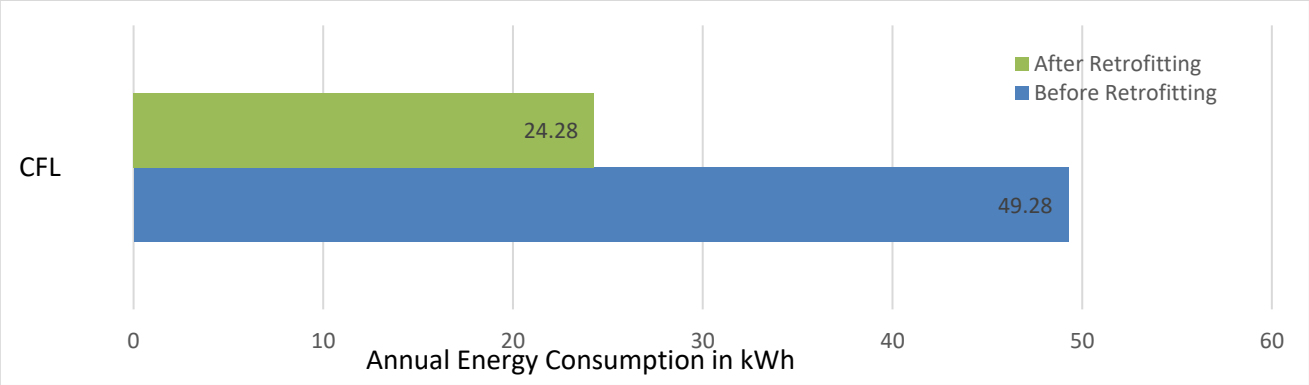


Image 5.5 Comparison of energy consumption before and after retrofitting CFL in Consumer No.1145523000141

6. Recommendations for Energy Saving

Immediate energy savings, can be achieved from the effective usage of lights, Fans and Air Conditioners. The following activities, having no/low investment, can be adopted in these areas.

- Replace the existing Fluorescent Tube lights (T12 & T8), with LED lights, (see the Executive Summary).
- Replace old/ inefficient fans with BEE star rated ceiling fans, with service value 4.0 or above, (see the Executive Summary).
- Switch OFF appliances, when not in use.
- Utilize BEE star labeled appliances, as far as possible.
- Maintain standard Electrical wiring, to avoid energy loss.
- Avoid very old and obsolete appliances and replace with energy efficient and environment friendly appliances.
- The existing Air Conditioners can be replaced with inverter Air conditioners, to get better energy efficiency.
- Avoid the exposure of Air conditioner's outdoor units, to sunlight.
- Avoid air leakage in Air conditioned rooms.
- Keep the computers in sleep/shut down mode, when not in use.(i.e, during lunch time)
- The conventional UPSs in the Central Library Building can be replaced with Modular UPS, which will result in reduction of energy loss, heat loss & operating cost.
- Regular cleaning of glass panes of Windows, light fixtures, Fans and other appliances, to get maximum output.
- Utilize the natural lights and wind, as far as possible, to reduce energy consumption.
- An Energy Conservation cell/club can be constituted and arrange Energy Conservation awareness programmes. Create awareness among the students & employees, about the importance and practice of Energy Conservation and monitor, regularly, the energy conservation activities.

Further, it is recommended to make the Central Library Building, Air conditioned and also, provide Diesel Generator (DG) supply to the Library. This will result in more effective utilization, and smooth & effective functioning of the Library.

7. Details of energy savings calculations

(a). Consumer No.1145529000140, Connected load 36kW

Energy Saving in Lighting by replacing existing 25nos. T12 Fluorescent Tube lights with 18watts LED Tube light.	
Annual working hours(Hrs.)	440
No. of fittings(nos.)	25
Wattage of one light fitting(kW)	0.052
Total load(kW)	1.3
Annual Energy Consumption(kWh)	572
Total Savings of wattage with replacement(kW)	0.85
Annual Energy Saving potential by replacement(kWh)	374
Annual Financial Saving potential (@Rs. 5.7/unit)- Rs.	2132
Investment required, for replacement(@ Rs. 400 per LED Tube light)- Rs.	10000
Pay Back Period in years	4.6

Energy Saving in Lighting by replacing existing 125nos. T8 Fluorescent Tube lights with 18watts LED Tube light.	
Annual working hours(Hrs.)	440
No. of fittings(nos.)	125
Wattage of one light fitting(kW)	0.036
Total load(kW)	4.5
Annual Energy Consumption(kWh)	1980
Total Savings of wattage with replacement(kW)	2.25
Annual Energy Saving potential by replacement(kWh)	990
Annual Financial Saving potential (@Rs. 5.7/unit)- Rs.	5643
Investment required, for replacement(@ Rs. 400 per LED Tube light)- Rs.	50000
Pay Back Period in years	8.8

Energy Saving in Lighting by replacing existing 10nos. CFL Lamp to 7watts LED bulb.	
Annual working hours(Hrs.)	990
No. of fittings(nos.)	10
Wattage of one CFL Lamp(kW)	0.014
Total load(kW)	0.14
Annual Energy Consumption(kWh)	138.6
Total Savings of wattage with replacement(kW)	0.07
Annual Energy Saving potential by replacement(kWh)	69.3
Annual Financial Saving potential (@Rs. 5.7/unit)- Rs.	395
Investment required, for replacement(@ Rs. 160 per LED Bulb)- Rs.	1600
Pay Back Period in years	4

Energy Saving by replacing existing 145nos. inefficient ceiling Fan with BEE star rated ceiling fan (50w), with service value 4.0 or above.	
Annual working hours(Hrs.)	1430
No. of inefficient Fans(nos.)	145
Wattage of one ceiling Fan(kW)	0.075
Total load(kW)	10.875
Annual Energy Consumption(kWh)	15551
Total Savings of wattage with replacement(kW)	3.625
Annual Energy Saving potential by replacement(kWh)	5184
Annual Financial Saving potential (@Rs. 5.7/unit)- Rs.	29549
Investment required, for replacement(@ Rs. 2100 per BEE star rated ceiling Fan)- Rs.	304500
Pay Back Period in years	10

(b). Consumer No.1145523000141, Connected load 10kW

Energy Saving in Lighting by replacing existing 7nos. T12 Fluorescent Tube lights with 18watts LED Tube light.	
Annual working hours(Hrs.)	880
No. of fittings(nos.)	7
Wattage of one light fitting(kW)	0.052
Total load(kW)	0.364
Annual Energy Consumption(kWh)	320
Total Savings of wattage with replacement(kW)	0.238
Annual Energy Saving potential by replacement(kWh)	209
Annual Financial Saving potential (@Rs. 6.5/unit)- Rs.	1359
Investment required, for replacement(@ Rs. 400 per LED Tube light)- Rs.	2800
Pay Back Period in years	2

Energy Saving in Lighting by replacing existing 135nos. T8 Fluorescent Tube lights with 18watts LED Tube light.	
Annual working hours(Hrs.)	880
No. of fittings(nos.)	135
Wattage of one light fitting(kW)	0.036
Total load(kW)	4.86
Annual Energy Consumption(kWh)	4277
Total Savings of wattage with replacement(kW)	2.43
Annual Energy Saving potential by replacement(kWh)	2138
Annual Financial Saving potential (@Rs. 6.5/unit)- Rs.	13897
Investment required, for replacement(@ Rs. 400 per LED Tube light)- Rs.	54000
Pay Back Period in years	3.8

Energy Saving in Lighting by replacing existing 4nos. CFL Lamp to 7watts LED bulb.	
Annual working hours(Hrs.)	880
No. of fittings(nos.)	4
Wattage of one CFL Lamp(kW)	0.014
Total load(kW)	0.056
Annual Energy Consumption(kWh)	49.28
Total Savings of wattage with replacement(kW)	0.028
Annual Energy Saving potential by replacement(kWh)	25
Annual Financial Saving potential (@Rs. 6.5/unit)- Rs.	163
Investment required, for replacement(@ Rs. 160 per LED Bulb)- Rs.	640
Pay Back Period in years	4

Energy Saving by replacing existing 124nos. inefficient ceiling Fan with BEE star rated ceiling fan (50w), with service value 4.0 or above.	
Annual working hours(Hrs.)	1430
No. of inefficient Fans(nos.)	124
Wattage of one ceiling Fan(kW)	0.075
Total load(kW)	9.3
Annual Energy Consumption(kWh)	13299
Total Savings of wattage with replacement(kW)	3.1
Annual Energy Saving potential by replacement(kWh)	4433
Annual Financial Saving potential (@Rs. 6.5/unit)- Rs.	28815
Investment required, for replacement(@ Rs. 2100 per BEE star rated ceiling Fan)- Rs.	260400
Pay Back Period in years	9

8. Annexures

8.1. Annexure 1. Energy Audit Sheets (enclosed)

This document contains data collected during the walk-through audit and survey conducted on 08- 02-2020. The number of appliances and hours of usage are indicated, with respect to each room/area in the building.

8.2. Annexure 2. Electricity Bill Details (Bills enclosed)

Consumer No. : 1145529000140
Name of Consumer : Christian College, Kattakkada
Connected Load : 36 kW
Tariff : LT-6A/Three Phase
Name of Section Office : Electrical Section, Kattakkada.

Sl.No	Consumption (Month)	Consumption (kWh)	Monthly Average Consumption (kWh)	Energy Charge (Rs.)
1	July 2020	315	1673	1795.6
2	September 2020	384	1673	2189.27

Consumer No. : 1145523000141
Name of Consumer : Christian College, Kattakkada
Connected Load : 10 kW
Tariff : LT-6A/Three Phase
Name of Section Office : Electrical Section, Kattakkada

Sl.No	Consumption (Month)	Consumption (kWh)	Monthly Average Consumption (kWh)	Energy Charge (Rs.)
1	January 2021	3028	2868	19682.10
2	March 2021	5156	2624	33514.90

Annexure 1

Name of the Consumer: Christian College Katakkada

Connected Load: 10+36=46KW

Sl.No	Appliance	T8 Tube light		2XT8		T12		2xT12		Incandescent Bulb		CFL X 2		CFL	
	Name of Room/place/ area/location	nos.	hrs	nos	hrs	nos	hrs	nos	hrs	nos	hrs	NOS	HRS	nos	hrs
	Consumer NO: 1145523000141														
	Administrative Block														
	First floor														
1	Principal Room	1	0	1	7.5										
2	Store Room									1	0.02				
3	corridor														
4	Manager Room	1	2								3				
5	Office	13	6												
6	Office waiting room	1	3												

	2nd floor														
1	Hall														
	Ground Floor														
1	Computer Lab			6	0.4										
2	VP Cabin	2	6												
3	e learning class room			4	1	1	0.04								
4	Examination Office room	1	4											1	4
5	corridor														
6	Computer and Network Lab	1	0					1	0						
	ARTS BLOCK														
1	Class room 1	2	6												
2	Class room 2	2	6												
3	Class room 3	2	6												
4	Class room 4	2	6												
5	Not working	Godown (Class Room not working)													
6	Class room 6	2	6												
7	Class room 7	2	6												

8	Class room 8	2	6												
9	Class room 9	2	6												
10	Class room 10	2	6												
11	Class room 11	2	6												
12	Class room 12	2	6												
13	Class room 13	2	6												
14	Old NSS Room	Not working													
15	Boys Waiting room	1	0												
16	Department of Commerce Staff Room														
	MALAYALAM Department Building														
1	Malayalam Department Staff Room	1	2												
2	Toilet	Not using lights													
3	Ladies Waiting Room	3	0.5												
	Arts Class Building														
1	Arts Class 15	4	0.6												
2	Arts Class 16														

	HISTORY DEPARTMENT														
1	Room 19														
2	Room 20	2	6											2	6
3	Staff Room	4	2												
	1st Floor														
1	Histroy Staff Room	4	2			1	0								
2	Economics Staff room	4	2												
3	Economics HOD Room														
4	NCC Room	4	0.17												
	CENTRAL LIBRARY BUILDING														
1	**Ground Floor**	21	7			3	7								
	Corridor	1													
	First Floor														
1	Reading Room	10	3.75											1	0.166667
2	Corridor														
3	Digital Reference	8	0.1												
4	Rare Collection Room	2	0												

	Consumer NO: 1145529000140														
	SCIENCE BLOCK														
	Ground Floor														
1	BSC Chemistry Lab	12	0.13			4	0.5								
2	Research Lab					1	0.5								
3	Room 1	Not working													
4	Room 2	Not working													
5	MSC Chemistry Lab	4	1.2												
6	Ladies waiting Room	1	7												
7	Chemistry research library					2	1								
8	Chemistry HOD Room														
9	Chemistry staff Room	6	0.2												
10	Electrician room														
11	Physics Staaf Room	4	6												
12	corridor														
13	physics HOD Room	1	6			1	6								
14	Physics Library					2	6								
15	Seminar Hall	5	0.08			1	0.08								
16	BSC PhysicsLab	6	4.5			2	0							1	0

17	Dark room														
18	store	3	2												
19	MSC PHYSCIS LAB	8	0.8			2	0								
20	3rd IDC Physics	3	2												
21	MSC Class 1	2	2												
22	MSC Class 2	2	0												
23	Dark room	1	0												
24	MSC PHYSICS CLASS	3	2												
25	MSC PHYSICS CLASS 3	2	0												
26	corridor	1	0												
27	Step	1	1												
28	Outdoor 1														
	Outdoor 2														
	1 st floor														
1	Botany staff room	2	6												
2	Botany Lab		3												
3	Botany HODRoom	1	2												
4	bsc botany lab	11	0.6			1	0								
5	Principal investigator														

6	Botany Musem					1	5								
7	MSC 1 ST IDC BOTANY	2	0												
8	BOTANY PHYSIOLOGY LAB	2	0												
9	Botany 1 st DC class	2	0												
10	BOTANY 2 ND DC CLASS	2	0												
11	POST GRADUATE BOTANY RESEARCH LAB	4	1			1	0								
12	HERBERIUM	1	6												
13	204 IDC CLASS														
14	206 2ND MSC BOTANY	2	0												
	2 ND FLOOR														
1	1 ST BOTANY														
2	ZOOLOGY HOD ROOM					1	1								
3	ZOOLOGY STAFF ROOM					1	0								
4	ZOOLOGY LAB	1	0.04												
5	ZOOLOGY MESEUM					2	0.1								
6	3RD ZOOLOGY LAB	2	0												
7	CORRIDOR	2	0												
8	1 ST ZOOLOGY	1	0												

9	PHYSICAL CHEMISTRY LAB	8	0.38												
10	Chemistry 3rd Year														
11	Chemistry Class room	2	0												
12	ladies waiting room	3	4												
	3 RD FLOOR														
1	MATHEMATICS STAFF ROOM	1	6												
2	1ST YEAR MATHEMATICS	2	1												
3	2ND YEAR MATHEMATICS	1	1			1	0								
4	3 RD YEAR MATHEMATICS	1	0			1	0								
5	STATISTICS STAFF ROOM	1	6												
6	1 ST YEAR STATISTICS	1	1												
7	2 ND YEAR STATISTICS	1	1												
8	3 RD YEAR STATISTICS	1	1												
9	CORRIDOR														
	AUDITORIUM			2	0.24							8	0.24		
	Security Room														

Appliance	Computer				Printer		scanner		UPS			Photostat		LED Tube		LED Bulb		LED STREET LIGHT	
Name of Room/place/ area/location	Laptop	hrs	Desktop	hrs	nos	hrs	nos	hrs	rating	nos	hrs	nos	hrs	nos.	hrs	nos.	hrs	NOS	HRS
Consumer NO: 1145523000141																			
Administrative Block																			
First floor																			
Principal Room			1	3										1	8				
Store Room																			
corridor														1	10	1	8		
Manager Room																			
Office			7	7								1	6						
Office waiting room																			

2nd floor																			
Hall														11	0.455				
Ground Floor																			
Computer Lab			16	6.4					5	2	0.182								
VP Cabin			1	7	1	6													
e learning class room			1	4	1	1													
Examination Office room			1	1.2															
corridor														1	6				
Computer and Network Lab			10	2.5	2	0								2	5				
ARTS BLOCK																			
Class room 1																			
Class room 2																			
Class room 3																			
Class room 4																			
Not working																			
Class room 6																			
Class room 7																			

Class room 8																			
Class room 9																			
Class room 10																			
Class room 11																			
Class room 12																			
Class room 13																			
Old NSS Room																			
Boys Waiting room																			
Department of Commerce Staff Room			1	1										1	6				
MALAYALAM Department Building																			
Malayalam Department Staff Room																1	6		
Toilet																			
Ladies Waiting Room																			
Arts Class Building																			
Arts Class 15																			
Arts Class 16																			

HISTORY DEPARTMENT																			
Room 19															4	7			
Room 20																	2	7	
Staff Room																			
1st Floor																			
Histroy Staff Room			1	2	1	2													
Economics Staff room																			
Economics HOD Room												1	0.083	1	0.5				
NCC Room																			
CENTRAL LIBRARY BUILDING																			
Ground Floor			10	4.6										1	8	5	8		
Corridor																			
First Floor																			
Reading Room																			
Corridor																			
Digital Reference			1	0															
Rare Collection Room																			

Consumer NO: 1145529000140																			
SCIENCE BLOCK																			
Ground Floor																			
BSC Chemistry Lab																2			
Research Lab			2	0.5					1	1	24			6	2				
Room 1														9					
Room 2														16					
MSC Chemistry Lab														2	1.2				
Ladies waiting Room																1	0		
Chemistry research library														2	0				
Chemistry HOD Room			1	0.17	1	1										2	0		
Chemistry staff Room	3	4	1	0.1															
Electrician room																1	1		
Physics Staaf Room			1	0.1															
corridor																1	0		
physics HOD Room			1	1															
Physics Library																			
Seminar Hall																3	0		
BSC PhysicsLab			1	0.2										1	0	1	0		

Dark room																			
store																			
MSC PHYSCIS LAB			2	0.5															
3rd IDC Physics																			
MSC Class 1																			
MSC Class 2																			
Dark room																1	0		
MSC PHYSICS CLASS																			
MSC PHYSICS CLASS 3																			
corridor																2	0		
Step																			
Outdoor 1																			
Outdoor 2																			
1 st floor																			
Botany staff room			1	0.333															
Botany Lab																			
Botany HODRoom																			
bsc botany lab																			
Principal investigator														2	1				

Botany Musem																			
MSC 1 ST IDC BOTANY														3	0				
BOTANY PHYSIOLOGY LAB														3	0.6				
Botany 1 st DC class																			
BOTANY 2 ND DC CLASS																			
POST GRADUATE BOTANY RESEARCH LAB														1	0				
HERBERIUM																			
204 IDC CLASS														2	0				
206 2ND MSC BOTANY																			
2 ND FLOOR																			
1 ST BOTANY														2	1				
ZOOLOGY HOD ROOM			1	0.167															
ZOOLOGY STAFF ROOM														1	0.5				
ZOOLOGY LAB																8	0		
ZOOLOGY MESEUM																			
3RD ZOOLOGY LAB																			
CORRIDOR																			
1 ST ZOOLOGY																			

PHYSICAL CHEMISTRY LAB														1	0				
Chemistry 3rd Year														2	0				
Chemistry Class room																			
ladies waiting room																			
3 RD FLOOR																			
MATHEMATICS STAFF ROOM			1	0.5										1	6				
1ST YEAR MATHEMATICS																			
2ND YEAR MATHEMATICS														1	1				
3 RD YEAR MATHEMATICS																			
STATISTICS STAFF ROOM																			
1 ST YEAR STATISTICS																			
2 ND YEAR STATISTICS																			
3 RD YEAR STATISTICS																			
CORRIDOR														1	0	1	0		
AUDITORIUM														9	0.24			2	11
Security Room														1	6				

	Appliance	Fan Old		Fan New		Fan Regulator		Wall fan		pedestal fan		TV			AC				Exhaust Fan	
	Name of Room/place/ area/location	Old	hrs	New	hrs	Ele	Res	nos	hrs	nos	hrs	LED/Old	nos.	hrs.	Tn	nos	hrs	normal temp	nos	hrs
	Consumer NO: 1145523000141																			
	Administrative Block																			
	First floor																			
	Principal Room	2	7.501													1	0.3			
	Store Room	1	0.02																	
	corridor																			
	Manager Room	1	2																	
	Office	10	5																	
	Office waiting room	1	3																	

	2nd floor																			
	Hall	10	0.12																	
	Ground Floor																			
	Computer Lab									1	2.00				not wor					
	VP Cabin	1	6																	
	e learning class room															1	5			
	Examination Office room	1	4																	
	corridor																			
	Computer and Network Lab	2	1																	
	ARTS BLOCK																			
	Class room 1	2	6																	
	Class room 2	2	6																	
	Class room 3	2	6																	
	Class room 4	2	6																	
	Not working																			
	Class room 6	2	6																	
	Class room 7	2	6																	

	Class room 8	2	6																	
	Class room 9	2	6																	
	Class room 10	2	6																	
	Class room 11	2	6																	
	Class room 12	2	6																	
	Class room 13	2	6																	
	Old NSS Room																			
	Boys Waiting room																			
	Department of Commerce Staff Room	2	2																	
	MALAYALAM Department Building																			
	Malayalam Department Staff Room	1	2																	
	Toilet																			
	Ladies Waiting Room	5	0.5																	
	Arts Class Building																			
	Arts Class 15	4	0.6																	
	Arts Class 16																			

	HISTORY DEPARTMENT																			
	Room 19	4	6																	
	Room 20	4	6																	
	Staff Room	2	2																	
	1st Floor																			
	Histroy Staff Room	4	2																	
	Economics Staff room	4	2																	
	Economics HOD Room	1	0																	
	NCC Room	2	0																	
	CENTRAL LIBRARY BUILDING																			
	Ground Floor	22	2																	
	Corridor																			
	First Floor																			
	Reading Room	7	1																	
	Corridor																			
	Digital Reference	8	0									L	1	0						
	Rare Collection Room	1	0																	

	Consumer NO: 1145529000140																			
	SCIENCE BLOCK																			
	Ground Floor																			
	BSC Chemistry Lab	2	1.8							1	0								2	3.5
	Research Lab															1	1			
	Room 1	4																		
	Room 2	8																		
	MSC Chemistry Lab																		2	3
	Ladies waiting Room	2	3.5																	
	Chemistry research library	1	1.0																	
	Chemistry HOD Room	2	2.0																	
	Chemistry staff Room	3	5.0																	
	Electrician room							1	1											
	Physics Staaf Room	2	6.0					1	1											
	corridor																			
	physics HOD Room	1	6.0																	
	Physics Library	1	6.0																	
	Seminar Hall	12	0.1																	
	BSC PhysicsLab	7	1.7																	

	Dark room	1	0.0																	
	store	2	6.0																	
	MSC PHYSCIS LAB	4	0.6																	
	3rd IDC Physics	2	6.0																	
	MSC Class 1	1	5.0																	
	MSC Class 2	2	5.0																	
	Dark room	1	0.0																	
	MSC PHYSICS CLASS	2	6.0																	
	MSC PHYSICS CLASS 3	2	0.0																	
	corridor																			
	Step																			
	Outdoor 1																			
	Outdoor 2																			
	1 st floor																			
	Botany staff room	2	6.0					2	3											
	Botany Lab																			
	Botany HODRoom																			
	bsc botany lab	5	0.6																	
	Principal investigator							1	0							1	0			

	Botany Musem																			
	MSC 1 ST IDC BOTANY	1	6.0																	
	BOTANY PHYSIOLOGY LAB	1	0.6																	
	Botany 1 st DC class	4	3.0																	
	BOTANY 2 ND DC CLASS	4	3.0																	
	POST GRADUATE BOTANY RESEARCH LAB	3	0.6																	
	HERBERIUM	1	6.0																	
	204 IDC CLASS	2	5.0																	
	206 2ND MSC BOTANY	1	4.0																	
	2 ND FLOOR																			
	1 ST BOTANY	2	6.0																	
	ZOOLOGY HOD ROOM	1	6.0																	
	ZOOLOGY STAFF ROOM	1	6.0																	
	ZOOLOGY LAB	1	4.0							1	0.0909									
	ZOOLOGY MESEUM																			
	3RD ZOOLOGY LAB	2	6.0																	
	CORRIDOR																			
	1 ST ZOOLOGY	2	6.0																	

	PHYSICAL CHEMISTRY LAB	4	4.5							1	0.2									
	Chemistry 3rd Year	2	4.0																	
	Chemistry Class room																			
	ladies waiting room	2	4.0																	
	3 RD FLOOR																			
	MATHEMATICS STAFF ROOM	3	3.3																	
	1ST YEAR MATHEMATICS	4	5.0																	
	2ND YEAR MATHEMATICS	4	5.0																	
	3 RD YEAR MATHEMATICS	2	5.0																	
	STATISTICS STAFF ROOM	1	6.0																	
	1 ST YEAR STATISTICS	1	6.0																	
	2 ND YEAR STATISTICS	1	6.0																	
	3 RD YEAR STATISTICS	1	6.0																	
	CORRIDOR																			
	AUDITORIUM	25	0.2																	
	Security Room							3	3											

	Appliance	CFL		COOLING MACHINE		podium		Amplifier		refridgerater		water purifier		Induction cooker		mic		
	Name of Room/place/ area/location	nos	hrs	nos	hrs	nos	hrs	nos	hrs	nos	hrs	nos	hrs	nos	hrs	NOS	HRS	
	Consumer NO: 1145523000141																	
	Administrative Block																	
	First floor																	
	Principal Room											1	24					
	Store Room																	
	corridor																	
	Manager Room																	
	Office													1	0.333			
	Office waiting room																	

	2nd floor																	
	Hall																	
	Ground Floor																	
	Computer Lab																	
	VP Cabin																	
	e learning class room					1	1	1	1							14		
	Examination Office room																	
	corridor																	
	Computer and Network Lab																	
	ARTS BLOCK																	
	Class room 1																	
	Class room 2																	
	Class room 3																	
	Class room 4																	
	Not working																	
	Class room 6																	
	Class room 7																	

	Class room 8																	
	Class room 9																	
	Class room 10																	
	Class room 11																	
	Class room 12																	
	Class room 13																	
	Old NSS Room																	
	Boys Waiting room																	
	Department of Commerce Staff Room																	
	MALAYALAM Department Building																	
	Malayalam Department Staff Room																	
	Toilet																	
	Ladies Waiting Room																	
	Arts Class Building																	
	Arts Class 15																	
	Arts Class 16																	

	HISTORY DEPARTMENT																	
	Room 19																	
	Room 20																	
	Staff Room																	
	1st Floor																	
	Histroy Staff Room													1	0.25			
	Economics Staff room																	
	Economics HOD Room																	
	NCC Room																	
	CENTRAL LIBRARY BUILDING																	
	Ground Floor																	
	Corridor																	
	First Floor																	
	Reading Room																	
	Corridor																	
	Digital Reference																	
	Rare Collection Room																	

	Consumer NO: 1145529000140																	
	SCIENCE BLOCK																	
	Ground Floor																	
	BSC Chemistry Lab													1	0			
	Research Lab																	
	Room 1																	
	Room 2																	
	MSC Chemistry Lab																	
	Ladies waiting Room																	
	Chemistry research library																	
	Chemistry HOD Room																	
	Chemistry staff Room																	
	Electrician room													1	0.167			
	Physics Staaf Room																	
	corridor																	
	physics HOD Room																	
	Physics Library																	
	Seminar Hall																	
	BSC PhysicsLab																	

	Dark room																	
	store																	
	MSC PHYSCIS LAB			1	0.01333													
	3rd IDC Physics																	
	MSC Class 1																	
	MSC Class 2																	
	Dark room																	
	MSC PHYSICS CLASS																	
	MSC PHYSICS CLASS 3																	
	corridor																	
	Step																	
	Outdoor 1																	
	Outdoor 2																	
	1 st floor																	
	Botany staff room																	
	Botany Lab																	
	Botany HODRoom																	
	bsc botany lab																	
	Principal investigator																	

	Botany Musem																	
	MSC 1 ST IDC BOTANY																	
	BOTANY PHYSIOLOGY LAB																	
	Botany 1 st DC class																	
	BOTANY 2 ND DC CLASS																	
	POST GRADUATE BOTANY RESEARCH LAB																	
	HERBERIUM																	
	204 IDC CLASS																	
	206 2ND MSC BOTANY																	
	2 ND FLOOR																	
	1 ST BOTANY																	
	ZOOLOGY HOD ROOM																	
	ZOOLOGY STAFF ROOM																	
	ZOOLOGY LAB																	
	ZOOLOGY MESEUM																	
	3RD ZOOLOGY LAB																	
	CORRIDOR																	
	1 ST ZOOLOGY																	

	PHYSICAL CHEMISTRY LAB																	
	Chemistry 3rd Year																	
	Chemistry Class room																	
	ladies waiting room																	
	3 RD FLOOR																	
	MATHEMATICS STAFF ROOM																	
	1ST YEAR MATHEMATICS																	
	2ND YEAR MATHEMATICS																	
	3 RD YEAR MATHEMATICS																	
	STATISTICS STAFF ROOM																	
	1 ST YEAR STATISTICS																	
	2 ND YEAR STATISTICS																	
	3 RD YEAR STATISTICS																	
	CORRIDOR																	
	AUDITORIUM																	
	Security Room																	

Appliance	Motor			Water Heater		Vaccum Oven		Bunsen Burner		Heating Machine		LPG		IR		UV	
Name of Room/place/ area/location	Rating in HP	ns	hrs	nos	hrs	nos	hrs	nos	hrs	nos	hrs			nos	hrs	nos	hrs
Consumer NO: 1145523000141																	
Administrative Block																	
First floor																	
Principal Room																	
Store Room																	
corridor																	
Manager Room																	
Office																	
Office waiting room																	

2nd floor																	
Hall																	
Ground Floor																	
Computer Lab																	
VP Cabin																	
e learning class room																	
Examination Office room																	
corridor																	
Computer and Network Lab																	
ARTS BLOCK																	
Class room 1																	
Class room 2																	
Class room 3																	
Class room 4																	
Not working																	
Class room 6																	
Class room 7																	

Class room 8																	
Class room 9																	
Class room 10																	
Class room 11																	
Class room 12																	
Class room 13																	
Old NSS Room																	
Boys Waiting room																	
Department of Commerce Staff Room																	
MALAYALAM Department Building																	
Malayalam Department Staff Room																	
Toilet																	
Ladies Waiting Room																	
Arts Class Building																	
Arts Class 15																	
Arts Class 16																	

HISTORY DEPARTMENT																	
Room 19																	
Room 20																	
Staff Room																	
1st Floor																	
Histroy Staff Room																	
Economics Staff room																	
Economics HOD Room																	
NCC Room																	
CENTRAL LIBRARY BUILDING																	
Ground Floor																	
Corridor																	
First Floor																	
Reading Room				1	0.08												
Corridor																	
Digital Reference																	
Rare Collection Room																	

Consumer NO: 1145529000140																	
SCIENCE BLOCK																	
Ground Floor																	
BSC Chemistry Lab						1	0.02	2				1 per month					
Research Lab						1	0.6							1	24	1	24
Room 1																	
Room 2																	
MSC Chemistry Lab												0.5 per month					
Ladies waiting Room																	
Chemistry research library																	
Chemistry HOD Room																	
Chemistry staff Room																	
Electrician room																	
Physics Staaf Room																	
corridor																	
physics HOD Room																	
Physics Library																	
Seminar Hall																	
BSC PhysicsLab																	

Dark room																	
store																	
MSC PHYSCIS LAB																	
3rd IDC Physics																	
MSC Class 1																	
MSC Class 2																	
Dark room																	
MSC PHYSICS CLASS																	
MSC PHYSICS CLASS 3																	
corridor																	
Step																	
Outdoor 1	3	1	0.8														
Outdoor 2	5	1	0.75														
1 st floor																	
Botany staff room																	
Botany Lab																	
Botany HODRoom																	
bsc botany lab																	
Principal investigator																	

Botany Musem																	
MSC 1 ST IDC BOTANY																	
BOTANY PHYSIOLOGY LAB																	
Botany 1 st DC class																	
BOTANY 2 ND DC CLASS																	
POST GRADUATE BOTANY RESEARCH LAB																	
HERBERIUM																	
204 IDC CLASS																	
206 2ND MSC BOTANY																	
2 ND FLOOR																	
1 ST BOTANY																	
ZOOLOGY HOD ROOM																	
ZOOLOGY STAFF ROOM																	
ZOOLOGY LAB																	
ZOOLOGY MESEUM																	
3RD ZOOLOGY LAB																	
CORRIDOR																	
1 ST ZOOLOGY																	

PHYSICAL CHEMISTRY LAB																	
Chemistry 3rd Year																	
Chemistry Class room																	
ladies waiting room																	
3 RD FLOOR																	
MATHEMATICS STAFF ROOM																	
1ST YEAR MATHEMATICS																	
2ND YEAR MATHEMATICS																	
3 RD YEAR MATHEMATICS																	
STATISTICS STAFF ROOM																	
1 ST YEAR STATISTICS																	
2 ND YEAR STATISTICS																	
3 RD YEAR STATISTICS																	
CORRIDOR																	
AUDITORIUM																	
Security Room																	

Appliance	HOT AIR OVEN		Hot Plate		Spectro meter		Distilation unit		Projector		Weighing balance		CRO		Magnetic stirre	
Name of Room/place/ area/location	NOS	HRS	nos	hrs	NOS	HRS	nos	hrs	nos	hrs			NOS	HRS	Nos	HRS
Consumer NO: 1145523000141																
Administrative Block																
First floor																
Principal Room																
Store Room																
corridor																
Manager Room																
Office																
Office waiting room																

2nd floor																
Hall																
Ground Floor																
Computer Lab																
VP Cabin																
e learning class room																
Examination Office room																
corridor																
Computer and Network Lab																
ARTS BLOCK																
Class room 1																
Class room 2																
Class room 3																
Class room 4																
Not working																
Class room 6																
Class room 7																

Class room 8																
Class room 9																
Class room 10																
Class room 11																
Class room 12																
Class room 13																
Old NSS Room																
Boys Waiting room																
Department of Commerce Staff Room																
MALAYALAM Department Building																
Malayalam Department Staff Room																
Toilet																
Ladies Waiting Room																
Arts Class Building																
Arts Class 15																
Arts Class 16																

HISTORY DEPARTMENT																
Room 19																
Room 20																
Staff Room																
1st Floor																
Histroy Staff Room																
Economics Staff room																
Economics HOD Room																
NCC Room																
CENTRAL LIBRARY BUILDING																
Ground Floor																
Corridor																
First Floor																
Reading Room																
Corridor																
Digital Reference																
Rare Collection Room																

Consumer NO: 1145529000140																
SCIENCE BLOCK																
Ground Floor																
BSC Chemistry Lab																
Research Lab											1	0.01			1	0.01
Room 1																
Room 2																
MSC Chemistry Lab																
Ladies waiting Room																
Chemistry research library																
Chemistry HOD Room																
Chemistry staff Room																
Electrician room																
Physics Staaf Room																
corridor																
physics HOD Room																
Physics Library																
Seminar Hall																
BSC PhysicsLab			2	0.08	1	1							4	0.01		

Dark room																
store																
MSC PHYSCIS LAB			4	0.4									4	0.4		
3rd IDC Physics																
MSC Class 1																
MSC Class 2																
Dark room																
MSC PHYSICS CLASS																
MSC PHYSICS CLASS 3																
corridor																
Step																
Outdoor 1																
Outdoor 2																
1 st floor																
Botany staff room																
Botany Lab																
Botany HODRoom																
bsc botany lab																
Principal investigator																

Botany Musem																
MSC 1 ST IDC BOTANY																
BOTANY PHYSIOLOGY LAB																
Botany 1 st DC class																
BOTANY 2 ND DC CLASS																
POST GRADUATE BOTANY RESEARCH LAB																
HERBERIUM																
204 IDC CLASS																
206 2ND MSC BOTANY																
2 ND FLOOR																
1 ST BOTANY																
ZOOLOGY HOD ROOM																
ZOOLOGY STAFF ROOM																
ZOOLOGY LAB																
ZOOLOGY MESEUM																
3RD ZOOLOGY LAB																
CORRIDOR																
1 ST ZOOLOGY																

PHYSICAL CHEMISTRY LAB	1	0.02					1	0	1	0						
Chemistry 3rd Year																
Chemistry Class room																
ladies waiting room																
3 RD FLOOR																
MATHEMATICS STAFF ROOM																
1ST YEAR MATHEMATICS																
2ND YEAR MATHEMATICS																
3 RD YEAR MATHEMATICS																
STATISTICS STAFF ROOM																
1 ST YEAR STATISTICS																
2 ND YEAR STATISTICS																
3 RD YEAR STATISTICS																
CORRIDOR																
AUDITORIUM																
Security Room																

KSEB

Demand/Disconnection Notice
(Electricity Act 2003 P 56)
Customer Care 1912
Kattakada Section
0471-2290242
KSEBL-GSTIN:32AAECK2277HB21

C# : 1145529000140

Bill# : 4552200800197
Conn. Id : 4872005
Name : THE PRINCIPAL
CHRISTIAN COLLEGEKA
Pole : KD16/3
Trans : OFFICE-1
Meter# : 4901098
Bill Area : M02/4/16
Bill Date : 01/08/2020
Due Date : 11/08/2020
Disconn Dt: 26/08/2020
Tariff : LT-6A NDom
Purpose : Educational Ins
$ Deposit : 21294
Meter(MK)Status OK
Load : 36 KW
C Demand : 35.32 KVA
Phase : 3
Prv Rd Dt : 01/07/2020
Prs Rd Dt : 01/08/2020
Mt Rd(DMF): 1

Prv Paid Dt : 29-02-2020
Prv Paid Amt : 12419

Unit	Curr	Prev	Cons	Avg
KWH/A/I	1455	1140	315	1673

Fixed Charges	:	2340.00
Meter Rent	:	17.85
Energy Charges	:	1795.60
Duty	:	179.55
Bill Amount	:	4333.00
Arrears	:	33806.00
Payable	:	38139.00

Remarks
Mtr Rent 15 CGST 9% 1.35 SGST 9% 1.35
CESS IN 0.15
Security Deposit
Interest Refund
Rs 1466
Credited On 29-05-2020

Pay Online https://wss.kseb.in
SAJIMON K K
Sub Engineer

KSEB

Demand/Disconnection Notice
(Electricity Act 2003 P 56)
Customer Care 1912
Kattakada Section
0471-2290242
KSEBL-GSTIN:32AAECK2277HB21

C# : 1145529000140

Bill# : 4552201000254
Conn. Id : 4872005
Name : THE PRINCIPAL
CHRISTIAN COLLEGEKA
Pole : KD-16/3
Trans : OFFICE-1
Meter# : 4901098
Bill Area : M02/4/16
Bill Date : 01/10/2020
Due Date : 12/10/2020
Disconn Dt: 27/10/2020
Tariff : LT-6A NDom
Purpose : Educational Ins
$ Deposit : 21294
Meter(MK)Status OK
Load : 36 KW
C Demand : 35.32 KVA
Phase : 3
Prv Rd Dt : 01/09/2020
Prs Rd Dt : 01/10/2020
Mt Rd(DMF): 1

Prv Paid Dt : 29-02-2020
Prv Paid Amt : 12419

Unit	Curr	Prev	Cons	Avg
KWH/A/I	2123	1739	384	1673

Fixed Charges	:	2340.00
Meter Rent	:	17.85
Energy Charges	:	2185.27
Duty	:	218.88
Bill Amount		4766.00
Arrears		42278.00
Payable	:	47044.00

Remarks
Mtr Rent 15 CGST 9% 1.35 SGST 9% 1.35
CESS IN 0.15

Pay Online https://wss.kseb.in
SAJIMON K K
Sub Engineer

KSEB

Demand/Disconnection Notice
(Electricity Act 2003 P 56)
Customer Care 1912
Kattakada Section
0471-2290242
KSEBL-GSTIN:32AAECK2277NBZ1

C# : 1145523000141

Bill# : 4552210200659
Conn.Id : 4872006
Name : PRINCIPAL
CHRISTIAN COLLEGEKA
Pole : KD-16/3
Trans : OFFICE-1
Meter# : 0010078503
Bill Area : B04/1/74
Bill Date : 01/02/2021
Due Date : 11/02/2021
Disconn Dt: 26/02/2021
Tariff : LT-6A NDom
Purpose : Educational Ins
$ Deposit : 46731
Meter(MM)Status OK
Load : 10 KW
C Demand : 9.74 KVA
Phase : 3
Prv Rd Dt : 01/12/2020
Prs Rd Dt : 01/02/2021
Mt Rd(OMF) : 1

Prv Paid Dt : 21-01-2021
Prv Paid Amt : 27676

Unit	Curr	Prev	Cons	Avg
KWH/A/I	153621	150593	3028	2688

Fixed Charges	:	1300.00
Meter Rent	:	35.70
Energy Charges	:	19682.10
Duty	:	1968.20
Bill Amount	:	22986.00
Surcharge	:	427.00
Payable	:	23413.00

Remarks
Mtr Rent:30 CGST 9%: 2.7 SGST 9%: 2.7
CESS 1%:0.3

KSEB

Demand/Disconnection Notice
(Electricity Act 2003 P 56)
Customer Care 1912
Kattakada Section
0471-2290242
KSEBL-GSTIN:32AAECK2277NBZ1

C# : 1145523000141

Bill# : 4552210400693
Conn.Id : 4872006
Name : PRINCIPAL
CHRISTIAN COLLEGEKA
Pole : KD-16/3
Trans : OFFICE-1
Meter# : 0010078503
Bill Area : B04/1/74
Bill Date : 03/04/2021
Due Date : 13/04/2021
Disconn Dt: 29/04/2021
Tariff : LT-6A NDom
Purpose : Educational Ins
$ Deposit : 46731
Meter(MM)Status OK
Load : 10 KW
C Demand : 9.74 KVA
Phase : 3
Prv Rd Dt : 01/02/2021
Prs Rd Dt : 03/04/2021
Mt Rd(OMF) : 1

Prv Paid Dt : 05-02-2021
Prv Paid Amt : 23415

Unit	Curr	Prev	Cons	Avg
KWH/A/I	156777	153621	5156	2624

Fixed Charges	:	1300.00
Meter Rent	:	35.70
Energy Charges	:	33514.90
Duty	:	3351.40
Bill Amount	:	38202.00
Advance	:	2.00
Payable	:	38200.00

Remarks
Mtr Rent:30 CGST 9%: 2.7 SGST 9%: 2.7
CESS 1%:0.3

Pay Online https://wss.kse
MATHEW LOUIS
Meter Reader
SBM:VT -1.33 /11000246
03-04-2021 12:43:51 PM

VYDYUTHI
ENERGY SERVICES

SUSTAINABLE DEVELOPMENT GOALS

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