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UNIVERSITY

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The first and last pages are signed by the undersigned.**

*Anita Palée*  
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**centurion university of technology and management**

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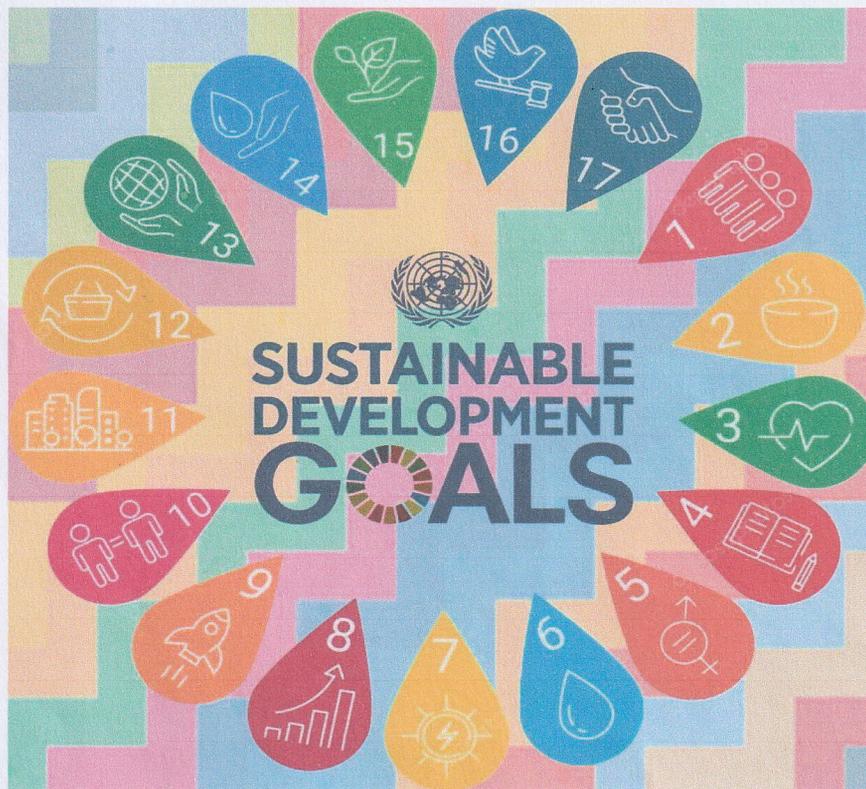


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## GREEN Policy

**Centurion University of Technology and Management**



*Anita Patra*

**REGISTRAR**  
**Centurion University of  
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## **GREEN Policy**

### **Need of Green Policy:**

The rising alarm regarding present climatic changes has questioned the sustainability issues of human race on the planet. Accordingly, the United Nations have set 17 sustainable development goals. However, the goals could be achieved only by the practice at institutional level with appropriate policy and its implementation. In particular, the universities have very important role to play because they can mould the young minds for green environment through proper educational model besides management of green campus. The success of SDG no. 13 (Climate action), 14(Life below water), and 15(Life on land) calls for the green management of the institutions and appropriate education. Thus, CUTM considers having a green policy, and its implementation through management and education, is of utmost importance.

### **Centurion University of Technology and Management (CUTM) Stride towards green management of the university and education:**

CUTM is committed to bring the environmental sustainability through the green policy and its implementation. The pathway to the solution for the complexity, and urgency of many environmental problems have been thoughtfully laid down by CUTM through their GREEN policy, education, implementation and management. The green policy of CUTM addresses the following agenda for Green and sustainable campus:

1. Green landscapes
2. Green transport measures
3. Water Management
4. Waste Management
5. Energy conservation and renewable sources
6. Ban on Single-use Plastic
7. E-waste Management

#### **1. Green Landscapes:**

- (i) The university is committed to convert all un-utilized land with the green landscapes.
- (ii) To maintain the biodiversity by having trees, shrubs, herbs, hydrophytes, climbers, epiphytes, grass, gymnosperm, pteridophytes, bryophytes, mushrooms, and lichens.
- (iii) Maintaining indigenous bio-resources like medicinal plants, fresh water pearl, dairy and poultry.
- (iv) To attract the fauna through natural as well as breeding procedures.

- (v) To provide a research and practice base for skill integrated higher education for sustainable development.
- (vi) To lead to environment friendly start-ups involving local communities.

**Implementation:**

- (i) To create a water body for pisciculture, migratory bird, a water fall, associated with a garden for research on cactus, bee and butterfly. indigenous medicinal plants, and conservation of Rare, Endangered and Threatened (RET) species.
- (ii) Provide training for staff to meet the aims of the green policy and sustainable practices.
- (iii) Integrate the green measures in the higher education curriculum that eventually lead to green research and start-ups. Green audit to be done through students' projects.

**Management:**

- (i) Design mechanisms for monitoring the biodiversity.
- (ii) Actively encourage student and faculty-led monitoring projects.
- (iii) Review and update the biodiversity actions through green audit every year.

**2. Green transport measures:**

- (i) To encourage use of either renewable sources or battery-operated vehicles with within the campus to reduce the carbon foot-print by footprint by 43% by 2027.
- (ii) To minimise the use of vehicles using conventional non-renewable energy sources within the boundaries of the campus.
- (iii) The green transport measures to form a part of higher education through research, practice and skill integration to higher education, with a view to manufacturing electrical vehicles (EVs).

**Implementation:**

- (i) Provide training to the staff for the operation and maintenance of renewable sources or battery-operated vehicles.
- (ii) **Integrate the training in higher education curriculum with provisions for internal student-project.**
- (iii) Plan the campus ground for appropriate parking area for vehicles using conventional non-renewable energy sources so as to reduce the carbon emission within the campus.
- (iv) Provide green pedestrian pathways from parking area to the various area of the campus for the convenience of students and people working in the campus.
- (v) Solar operated battery charging system for electrical vehicles operating inside the campus and encouraging pooling of vehicles.

**Management:**

- (i) Design mechanisms for maintenance of renewable sources or battery-operated vehicles.

- (ii) Actively encourage student and faculty-led management and research projects.
- (iii) Review and update the green actions through environment audit every year.

### **3. Water Management:**

- (i) To recycle at least 90% of the waste water by optimizing the
- (ii) To integrate the rain water harvesting systems with the architecture of the university buildings and green landscaping.
- (iii) The green landscape must include water bodies for biodiversity.
- (iv) **To practice water management by integrating it in the higher education through research, practice, projects and skill training.**
- (v) To audit the water use at periodic intervals as per regulation. In this process students be involved for optimal use of water

#### **Implementation:**

- (i) Maintenance of water bodies and STP.
- (ii) Provide training to the staff for the operation and maintenance of water management systems and water-auditing.
- (iii) Ensure all contractors are provided with a copy of the CUTM Design Standards which refer to the green policy.
- (iv) **Integrate the water management programs in higher education curriculum with relevant training to create awareness of sustainable environment and initiate start-ups for optimal water use. Student projects on water audit to be done every year.**
- (v) Satellite image processing for assessing the ground water potential and for planning its optimal exploration.

#### **Management:**

- (i) Design mechanisms for monitoring and maintenance of water management system.
- (ii) Actively encourage student and faculty-led management and research projects.
- (iii) Review and update the actions through environment audit every year.

### **4. Waste Management:**

- (i) The CUTM aims at 'Zero-Waste' through 'Reduce, Recycle and Reuse' approach.
- (ii) The university to remain compliant with all relevant waste legislation as per state and local statutory bodies.
- (iii) Set specific objectives and targets in relation to minimizing waste, improving recycling rates and reducing disposal to landfill.
- (iv) The awareness and practice of waste management to be integrated in the higher education through research, practice and skill training.

#### **Implementation:**

- (i) Provide training to the staff for the operation and maintenance of waste management systems.
- (ii) Ensure all contractors are provided with a copy of the CUTM Design Standards which refer to the green policy.

- (iii) Integrate the waste management programs in higher education curriculum with relevant training to create awareness of sustainable environment and create start-ups for 'waste-to-wealth' enterprises.

**Management:**

- (i) Design mechanisms for monitoring and maintenance of waste management system.
- (ii) Actively encourage student and faculty-led management and research projects.
- (iii) Review and update the actions through environment audit every year.

**5. Energy conservation and renewable sources:**

- (i) Reduce the university's carbon footprint by 43% by 2027.
- (ii) Use of renewable energy sources like solar energy.
- (iii) Set targets for reducing energy consumption through proper energy conservation measures.
- (iv) Energy generation through waste management.
- (v) Integration of awareness and practice of energy conservation and renewable energy in the higher education through research, practice and skill training.

**Implementation:**

- (i) Provide training to the staff for the operation and maintenance of installed renewable and non-renewable energy systems.
- (ii) Ensure all contractors are provided with a copy of the CUTM Design Standards which refer to the green policy.
- (iii) Maintain awareness of emerging low carbon/alternative technologies and explore potential for implementation through students' projects including the area of energy audit and use of renewable energy.
- (iv) Integrate the energy conservation, renewable energy and energy generation from waste programs in higher education curriculum with relevant training to create awareness of sustainable environment and economy.

**Management:**

- (i) Design mechanisms for monitoring, maintenance and conservation of renewable and non-renewable energy sources.
- (ii) Actively encourage student and faculty-led management and research projects.
- (iii) Facilitate collaboration with research and commercial innovation organizations in relation to energy efficiency projects.
- (iv) Review and update the actions through energy audit every year.

**6. Ban on Single-use Plastic:**

- (i) To abide by the Plastic Waste Management (PWM) Rules of India for efficient management of plastic waste.
- (ii) Prohibition of single-use plastic inside the campus for eco-friendly campus.
- (iii) Encourage the use of paper bags and cloth bags.
- (iv) Set specific objectives and targets in relation to minimizing plastic waste, improving plastic recycling rates and reducing disposal to landfill.
- (v) The awareness and practice of plastic waste management to be integrated in

**the higher education through research, practice and skill training.**

**Implementation:**

- (i) Ensure that all commercial entities inside the campus strictly abide by the rule of ban on plastic.
- (ii) Provide training to the staff for the operation and maintenance of plastic waste management systems and rules.
- (iii) Integrate the waste management programs in higher education curriculum with relevant training to create awareness of sustainable environment.
- (iv) **Student projects and start-ups using waste plastics.**

**Management:**

- (i) Design mechanisms for monitoring of plastic waste management system and rules.
- (ii) Actively encourage student and faculty-led management and research projects.
- (iii) Encourage and support to student led awareness activities with local community.
- (iv) **Review and update the actions through environment audit every year involving students as much as possible..**

**7. E-waste Management:**

- (i) Being an ICT enabled University, CUTM is prone to generate E-waste.
- (ii) The university to remain compliant with all relevant E-waste legislation.
- (iii) Set specific objectives and targets in relation to minimizing waste, improving recycling rates.
- (iv) **The awareness and practice of E-waste management to be integrated in the higher education through research, practice and skill training.**

**Implementation:**

- (i) Provide training to the staff for the operation and maintenance of E-waste management systems.
- (ii) Ensure all contractors are provided with a copy of the CUTM Design Standards which refer to the green policy.
- (iii) E-waste disposal to be done through authorized agencies only.
- (iv) **Integrate the E-waste management programs in the curriculum with relevant training to create awareness of sustainable environment and create start-ups for optimal use of E-spares.**

**Management:**

- (i) Design mechanisms for monitoring and maintenance of E-waste management system.
- (ii) **Actively encourage student and faculty-led management and research projects on E-waste.**
- (iii) Review and update the actions through E-waste audit every year.

**With the implementation of these policies with rigorous practice, we aim at achieving the Green campus initiative by 2027.**

*Anita Palte*

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## Implementation of Green Policy

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Policy	Achievements
1. Green landscapes	<p>The barren lands in all the campuses have been almost converted to green, with suitable domestication of plants and animals.</p> <p>A garden for research on cactus, bee and butterfly, indigenous medicinal plants, and conservation of Rare, Endangered and Threatened (RET) species.</p> <p>Natural water bodies maintained and suitable water bodies created for pisciculture, wetland birds and water fall.</p> <p>These are suitably integrated in the syllabus.</p>
1. Green transport measures	<p>The green transport measures with an intensive use of inhouse manufactured electrical vehicles (EVs). Solar operated battery charging system for electrical vehicles operating inside the campus and encouraging pooling of vehicles. Appropriate parking area at the campus entrance for vehicles using conventional non-renewable energy sources so as to reduce the carbon emission within the campus.</p> <p>Provide green pedestrian pathways from parking area to the various area of the campus for the convenience of students and people working in the campus.</p> <p>These practices are suitably included in the curriculum.</p>
2. Water Management	<p>Waste water recycling is done through an efficient STP. Staff and students are trained for maintenance of water management systems and water-auditing.</p> <p>Satellite image processing for assessing the ground water potential and for planning its optimal exploration is done.</p> <p>Integrated the water management programs in higher education curriculum with relevant training to create awareness of sustainable environment and initiate start-ups for optimal water use. Student projects on water audit are done.</p>
4. Waste Management	<p>CUTM is implementing 'Zero-Waste' policy through 'Reduce, Recycle and Reuse' approach. Local civic bodies are partnering in this process.</p> <p>CUTM Design Standards implemented to convert food waste to organic manure used internally in the campus premises.</p> <p>The awareness and practice of waste management is integrated in syllabus.</p> <p>Provided training to the staff and students for the operation and maintenance of waste management systems. It has created start-ups for 'waste-to-wealth' enterprises in the area of hand-made paper, clay modelling, terracotta, Likhaan – ball pens, pavement blocks etc.</p>
5. Energy	Installed 500KW grid connected solar power plant apart from

conservation and renewable sources	isolated solar panels of about 50KW. Provided training to the staff for the operation and maintenance these systems. Maintained awareness of emerging low carbon/alternative technologies and explored potential for implementation through students' projects including the area of energy audit and use of renewable energy. These are also integrated to the syllabus.
6. Ban on Single-use Plastic	All the campuses are made free of single-use plastic. All the shop keepers, staff and students are encouraged to use paper bags and cloth bags. Student projects and start-ups using waste plastics have started.
7. E-waste Management	Being an ICT enabled University, CUTM is prone to generate E-waste, which is carefully collected, stored and disposed through authorized agencies only.

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**Annexure:**

**1. Format of Energy Bill:**

SUMMARY OF ENERGY BILL OF ----- FOR FINANCIAL YEAR -----																			
Month	Energy Consumed in kWh	Av. Load Factor	Av. Power Factor	MD in kW	MD in kVA	Energy Charge in Rs.	Demand Charge in Rs.	PF Penalty (+ve) / PF Incentive (-ve)	Rebate	CSC	TOD Incentive	Overdraw Penalty	Delay Payment Surcharge	Interest on Security	Meter Rent in Rs.	Electricity Duty	Current Monthly Bill in Rs.	Energy Charge in Rs./kWh	Unit cost in Rs. per kWh
Apr																			
May																			
Jun																			
Jul																			
Aug																			
Sep																			
Oct																			
Nov																			
Dec																			
Jan																			
Feb																			
Mar																			
Total / Av.																			
Monthly Average																			
Daily Average																			

**Table: Energy Bill of CUTM, Balangir for FY' 2021-22**

SUMMARY OF ENERGY BILL OF THE CUTM BALANGIR FOR FINANCIAL YEAR 2021-22																				
Month	Energy Consumed in kWh	Energy Consumed in kVAh	Av. Load Factor	Av. Power Factor	MD in kW	MD in kVA	Energy Charge in Rs.	Demand Charge in Rs.	PF Penalty (+ve) / PF Incentive (-ve)	Rebate	CSC	TOD Incentive	Overdrawl Penalty	Delay Payment Surcharge	Interest on Security	Meter Rent in Rs.	Electricity Duty	Current Monthly Bill in Rs.	Energy Charge in Rs./kWh	Unit cost in Rs. per kWh
Apr-21	13346	627944	16.4	0.021	1.09	51.6	101304	1410	0	1335	0	0	0	0	0	0	4052	106766	7.6	8
May-21	6510	6536	0.18	0.996	51.39	51.6	49021.3	1410	0	651	0	0	0	0	4886	0	1961	52392	7.5	8
Jun-21	2064	2076	0.05	0.994	51.5	51.8	15512.4	1410	0	206	0	0	0	0	0	0	621	17543	7.5	8.5
Jul-21	5442	0	0	0	0	35	40999.6	1410	0	544	0	0	0	0	0	0	1640	44050	7.5	8.1
Aug-21	10766	652786	17.1	0.016	0.85	51.6	81513.6	1410	0	1076	0	0	0	0	0	0	3261	86184	7.6	8
Sep-21	8586	8608	0.23	0.997	51.47	51.6	64983.9	1410	0	859	0	0	0	0	0	0	2599	68993	7.6	8
Oct-21	11128	11166	0.29	0.997	51.42	51.6	84300.2	1410	0	1113	0	0	0	0	0	0	3372	89082	7.6	8
Nov-21	10130	10162	0.27	0.997	51.43	51.6	76709.6	1410	0	1013	0	0	0	0	0	0	3068	81188	7.6	8
Dec-21	9802	9868	0.26	0.993	51.25	51.6	74202	1410	0	980	0	0	0	0	0	0	2968	78580	7.6	8
Jan-22	5200	5240	0.14	0.992	51.2	51.6	39221.3	1410	0	520	0	0	0	0	0	0	1569	42200	7.5	8.1
Feb-22	3944	3968	0.11	0.994	51.29	51.6	29722.1	1410	0	394	0	0	0	0	0	0	1189	32321	7.5	8.2
Mar-22	15936	0	0	0	0	51.6	120757	1410	0	1594	0	0	0	0	0	0	4830	126997	7.6	8
<b>Total / Av.</b>	<b>102854</b>	<b>1338354</b>	<b>2.92</b>	<b>0.995</b>	<b>51</b>	<b>52</b>	<b>778247</b>	<b>16920</b>	<b>0</b>	<b>10285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4886</b>	<b>0</b>	<b>31130</b>	<b>826297</b>	7.6	8
<b>Monthly Average</b>	8571	7203	2.92	1	0	52	64854	1410	0	857	0	0	0	0	407	0	2594	68858	7.6	8
<b>Daily Average</b>	286	240	2.92	1	0	52	2162	47	0	29	0	0	0	0	14	0	86	2295	7.6	8

From the Energy Bill of FY 2021-22 it is observed that average monthly energy consumed was 8571 kWh with average power factor of 0.99.

However in the energy bill of the month of April, July, August 2021 and March 2022, recorded power factor was very low (e.g. power factor of 0.021 in the month of April 2021). It may be because of faulty reading of the meter.



Table- 2.10: Energy Bills for the Financial Years 2019-2020 of ITI Building

SUMMARY OF ENERGY BILL OF THE PRINCIPAL CENTURIAN INDUSTRIAL TRAINING CENTRE FOR FINANCIAL YEAR 2019-20													
Month	Energy Consumed in kWh	Av. Load Factor	Av. Power Factor	MD in kW	MD in kVA	Energy Charge in Rs.	Demand Charge in Rs.	PF Penalty (+ve) / PF Incentive (-ve)	Meter Rent in Rs.	Electricity Duty	Current Monthly Bill in Rs.	Energy Charge in Rs./kWh	Unit cost in Rs. per kWh
Apr-19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
May-19	73515	0.72	0.94	136.34	145.2	379460	88888	N/A	1000	30357	404502	5.92	5.50
Jun-19	462	0.01	0.94	68.59	72.6	2472	88888	N/A	1000	198	91894	199.33	198.90
Jul-19	35847	0.08	0.98	635.99	646.2	596803	177776	-5468	1000	47386	805566	23.79	22.47
Aug-19	47139	0.70	0.96	90.07	93.6	244464	88888	0	1000	19557	350826	7.86	7.44
Sep-19	45756.5	N/A	0.92	N/A	N/A	244797	88888	N/A	N/A	19584	350183	8.08	7.65
Oct-19	45756.5	N/A	0.92	N/A	N/A	244797	88888	N/A	N/A	19584	350183	8.08	7.65
Nov-19	45756.5	N/A	0.92	N/A	N/A	244797	88888	N/A	N/A	19584	350183	8.08	7.65
Dec-19	45756.5	N/A	0.92	N/A	N/A	244797	88888	N/A	N/A	19584	350183	8.08	7.65
Jan-20	31956.1	0.75	0.91	56.92	62.4	163696	88888	N/A	1000	12995	264056	8.67	8.26
Feb-20	23904	0.56	0.94	61.06	64.8	127886	88888	N/A	1000	10126	227075	9.92	9.50
Mar-20	25548	0.53	0.86	64.77	75.6	136682	88888	7094	1000	10820	241059	9.86	9.44
<b>Total / Av.</b>	<b>421397.1</b>	<b>0.48</b>	<b>0.93</b>	<b>159</b>	<b>166</b>	<b>2630652</b>	<b>1066656</b>	<b>1626.20</b>	<b>7000</b>	<b>209774</b>	<b>3785710</b>	<b>9.48</b>	<b>8.98</b>
Monthly Average	38309	0.48	0.93	159	166	239150	96969	148	636	19070	344155	9.48	8.98
Daily Average	1277	0.48	0.93	159	166	7972	3232	5	21	636	11472	9.48	8.98



**Table 5: Energy Bill of CUTM, Paralakhemundi for FY' 2021-22**

SUMMARY OF ENERGY BILL of CUTM PARALAKHEMUNDI FOR FINANCIAL YEAR 2021-22																		
Month	Energy Consumed in kWh	Energy Consumed in kVAh	Av. Load Factor	Actual Power Factor	MD in kW	MD in kVA	Energy Charge in Rs.	Demand Charge in Rs.	Rebate	CSC	TOD Incentive	Overdrawl Penalty	Delay Payment Surcharge	Meter Rent in Rs.	Electricity Duty	Current Monthly Bill in Rs.	Tariff in Rs./kVAh	Tariff in Rs./kWh
Apr-21	113370	116658	0.34	0.97	466	480	651832	170000	8164	250	6581	0	0	1000	51620	869158	7.45	7.67
May-21	43476	46584	0.32	0.93	190	204	189049	170000	3569	250	3389	0	0	1000	14853	371763	7.98	8.55
Jun-21	35616	36900	0.38	0.97	127	132	153176	170000	3217	250	2743	0	0	1000	12035	333718	9.04	9.37
Jul-21	45480	46860	0.37	0.97	163	168	237146	170000	4057	250	2940	0	0	1000	18758	424485	9.06	9.33
Aug-21	67674	70074	0.34	0.97	279	289	365531	170000	5329	250	3842	0	0	1000	28935	561874	8.02	8.30
Sep-21	154134	152670	0.46	1.01	462	458	891084	170000	10557	250	6587	0	0	1000	70760	1126507	7.38	7.31
Oct-21	146172	148638	0.46	0.98	441	448	867988	170000	10320	250	7279	0	0	1000	68857	1100815	7.41	7.53
Nov-21	138426	141846	0.51	0.98	377	386	825657	170000	9896	250	7283	0	0	1000	65470	1055741	7.44	7.63
Dec-21	83070	85579	0.43	0.97	267	276	460237	170000	6265	250	5021	0	0	1000	36417	663929	7.76	7.99
<b>Total / Av.</b>	<b>827418</b>	<b>845809</b>	<b>0.40</b>	<b>0.97</b>	<b>308</b>	<b>316</b>	<b>4641701</b>	<b>1530000</b>	<b>61375</b>	<b>2250</b>	<b>45665</b>	<b>0</b>	<b>0</b>	<b>9000</b>	<b>367705</b>	<b>6507989</b>	<b>7.69</b>	<b>7.87</b>
Monthly Average	91935	93979	0.40	0.97	308	316	515745	170000	6819	250	5074	0	0	1000	40856	723110	7.69	7.87
Daily Average	3065	3133	0.40	0.97	308	316	17191	5667	227	8	169	0	0	33	1362	24104	7.69	7.87

From the Energy Bill of FY 2021-22 it is observed that Average Demand in this year is 308KW i.e. 316 kVA with an Average Power Factor of 0.97.

**Note:** We collected the bill for FY' 2021-22 for the purpose of analysis as in earlier financial year the consumption was low due to COVID-19 and institution is in partial closed condition.

**Table 6: Energy Bill of CUTM, Rayagada for FY' 2021-22**

SUMMARY OF ENERGY BILL OF THE CUTM FOR FINANCIAL YEAR 2021-22																				
Month	Energy Consumed in kWh	Energy Consumed in kVAh	Av. Load Factor	Av. Power Factor	MD in kW	MD in kVA	Energy Charge in Rs.	Demand Charge in Rs.	PF Penalty (+ve) / PF Incentive (-ve)	Rebate	CSC	TOD Incentive	Overdrawl Penalty	Delay Payment Surcharge	Interest on Security	Meter Rent in Rs.	Electricity Duty	Current Monthly Bill in Rs.	Energy Charge in Rs./kWh	Unit cost in Rs. per kWh
Apr-21	9556	10619	0.32	0.90	40.00	44.444	61206.18	11111	0	727	250	0	0	585	0	150	4896	78199	9	8.2
May-21	3093	3299	0.10	0.94	41.67	44.444	19299.15	11111	0	308	250	0	0	696	971	150	1544	33050	11	10.7
Jul-21	3816	4082	0.27	0.93	18.70	20	23879.7	41200	0	662	250	176	0	0	0	1000	1896	68050	18	17.8
Aug-21	5532	5855	0.41	0.94	18.14	19.2	34195.18	41200	0	764	250	275	0	174	0	1000	2714	79257	15	14.3
Sep-21	7054	7364	0.33	0.96	29.89	31.2	43079.17	41200	0	852	250	317	0	541	0	1000	3421	89174	13	12.6
Oct-21	6416	6736	0.23	0.95	38.10	40	39402.91	41200	0	816	250	300	0	1542	0	1000	3128	86323	14	13.5
Nov-21	7280	7661	0.39	0.95	25.70	27.04	44813.4	41200	0	869	250	317	0	2665	0	1000	3560	93171	13	12.8
Dec-21	6040	6495	0.47	0.93	17.41	18.72	37991.07	41200	0	801	250	330	0	2726	0	1000	3013	85850	15	14.2
Jan-22	4392	4779	0.46	0.92	12.79	13.92	27952.7	41200	0	701	250	260	0	825	0	1000	2215	73182	17	16.7
Mar-22	10910	11320	0.39	0.96	37.78	39.2	66214.22	41200	0	1082	250	493	0	0	0	1000	5258	113429	11	10.4
Total / Av.	<b>64089</b>	<b>68209</b>	<b>0.34</b>	<b>0.94</b>	<b>28</b>	<b>30</b>	<b>398033.68</b>	<b>351822</b>	<b>0</b>	<b>7582</b>	<b>2500</b>	<b>2468</b>	<b>0</b>	<b>9754</b>	<b>971</b>	<b>8300</b>	<b>31645</b>	<b>799687</b>	<b>13</b>	<b>12</b>
Monthly Average	6409	6821	0.34	0.94	28	30	39803	35182	0	758	250	247	0	975	97	830	3165	79969	13	12
Daily Average	214	227	0.34	0.94	28	30	1327	1173	0	25	8	8	0	33	3	28	105	2666	13	12

From the Energy Bill of FY 2021-22 it is observed that Average Demand in this year is 28kW with an Average Power Factor of 0.94.

*Anita Patra*

Registrar, CUTM

**REGISTRAR**  
Centurion University of  
Technology & Management  
ODISHA