

Siliguri Institute of Technology
Daily Energy Audit Report

Date: 22.04.2022

The following data has been collected by the students for Energy Audit:

Building:		Main Building & DESH	Floor: [3rd , 2nd (Main)], [Ground, 1st, 2nd,3rd (DESH)]		
Room No:		DESH: (ClassRoom:101-303, All labs, Faculty Room, Corridor , Washroom), T&P Cell CSE & IT:(Class Room: 101-106, 306-308 All labs, Faculty Room, Corridor & Washroom) EE: MACHINE LAB			
Sl.No.	Particulars	Number	Power Details		Total (Power details)
1	No. of Ceiling Fans:	233	Wattage/per item:	60	13980
2	No. of Table Fans:	2	Wattage/per item:	60	120
3	No. of Wall mounted fan	1	Wattage/per item:	60	60
4	No of Tube Lights(Florescent):	451	Wattage/per item:	40	18040
5	No of Tube Lights(LED):	26	Wattage/per item:	20	520
6	No of 6 amp plug point:	1276	Wattage/per item:	1104	1408704
7	No of 16 amp plug point:	167	Wattage/per item:	2944	491648
8	No of Switches:	786	Wattage/per item:	0	0
9	No of AC:	22	Wattage/per item:	2500	55000
10	PC:	307	Wattage/per item:	350	107450
11	Printer:	11	Wattage/per item:	1000	11000
12	Projector:	4	Wattage/per item:	1000	4000
13	Bulb (CFL):	132	Wattage/per item:	20	2640
14	others: Refrigerator	1	Wattage/per item:	800	800
15	FOCUS LIGHT	7	Wattage/per item:	69	69
16	UPS	8	Wattage/per item:	420	
17	Experimental Set up	42	Wattage/per item:		70000
Total (Wattage)					2114031

Arup Das: *Arup Das*

Niladri Chakraborty: *Niladri Chakraborty*

Moumita Chakraborty: *Moumita Chakraborty*

Signature of faculty / staff members

Shrabani Pal
22/04/2022

Signature of Coordinator

Danish Das: *Danish Das*

Rakhiparna Roy: *Rakhiparna Roy*

Rahul Banik: *Rahul Banik*

Dewashis Pradhan: *Dewashis Pradhan*

Signature of Student members

Dr. Mithun Chakraborty

Signature of Principal, SIT