



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
think • innovate • transform

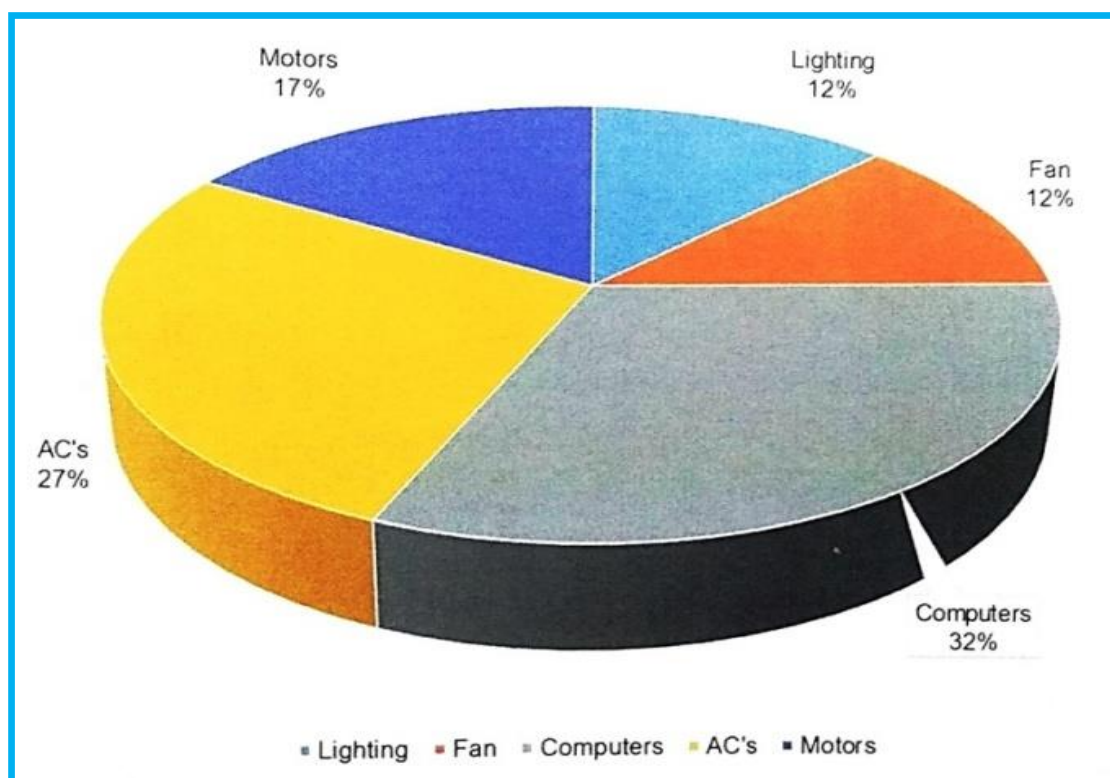


ENERGY CONSERVATION MEASURES



DETAILS OF REPLACEMENT OF CONVENTIONAL BULBS WITH LED LIGHTS / BULBS

ACADEMIC YEAR: 2021-2022



Total Load Distribution of the Institution

LED Lights Purchased During July 2021 to June 2022

Sl. No.	Date	Watts	Nos.	Total Watts
1.	29.07.2021	14	50	700
2.	16.09.2021	18	24	432
3.	27.09.2021	30	40	1200
4.	27.09.2021	10	25	250
5.	27.09.2021	3	12	36
6.	29.09.2021	100	20	2000
7.	13.10.2021	20	300	6000
8.	13.10.2021	20	20	400
9.	15.10.2021	22	20	440
10.	15.10.2021	20	12	240
11.	18.10.2021	20	30	600

12.	21.10.2021	15	44	660
13.	21.10.2021	30	30	900
14.	21.10.2021	70	30	2100
15.	21.10.2021	15	44	660
16.	21.10.2021	18	8	144
17.	27.10.2021	38	4	152
18.	29.10.2021	20	15	300
19.	30.10.2021	20	10	200
20.	30.10.2021	20	10	200
21.	06.11.2021	36	9	324
22.	08.11.2021	3	30	90
23.	08.11.2021	8	4	32
24.	08.11.2021	12	2	24
25.	10.11.2021	9	5	45
26.	05.01.2022	20	50	1000
27.	10.05.2022	20	6	120
28.	25.05.2022	15	5	75
29.	25.05.2022	24	6	144
30.	08.06.2022	22	9	198
		Total	874	19,666

Total Load of Institute : 406 KW

Total Light Load of Institute : 48.72 KW

(12% of Total load as per above chart)

LED Lights replaced during July 2021 to June 2022 : 19.666 KW

(As per the above Table)

Percentage of LED lights installed for Last one year : 40.36 %