



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

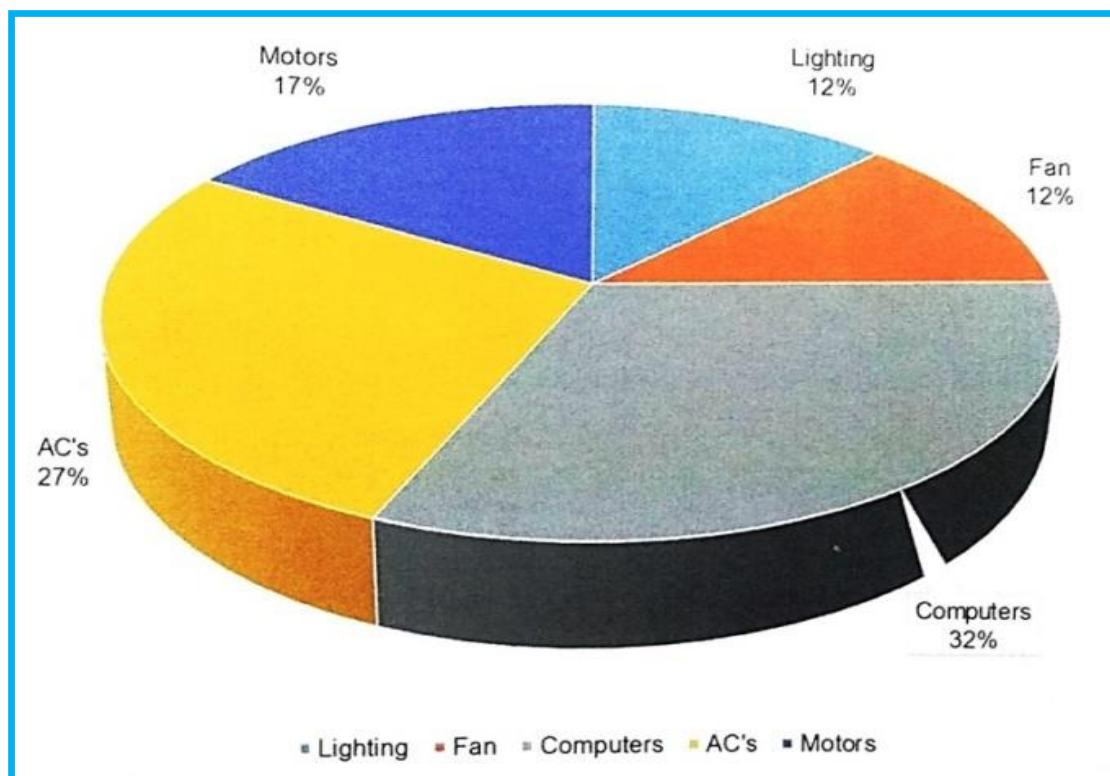


ENERGY CONSERVATION MEASURES



DETAILS OF REPLACEMENT OF CONVENTIONAL BULBS WITH LED LIGHTS / BULBS

ACADEMIC YEAR: 2022-2023



Total Load Distribution of the Institution

LED Lights purchased during July 2022 to June 2023

JUNE 2022 TO JULY 2023 (REPLACEMENT OF LED)												
SL.NO	MONTH	5W	9W	15W	18W	20W	30W	32W	36W	60W	100W	TOTAL WATTS
1	Jul-22								14			504
2	Aug-22					47			10	2		1420
3	Sep-22		1		1	40	12		1			1223
4	Oct-22		8			44		6	4			1288
5	Nov-22		21			179		34	7			5109
6	Dec-22		2			50		25	1			1854
7	Jan-23			4		20						460
8	Feb-23					50			14		4	1904
9	Mar-23		10	28		25		3	5		4	1686
10	Apr-23		18	15		40			4			1331
11	May-23								13			468
12	Jun-23		5			50	22					1705
TOTAL WATTS												18952

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 2022 to June 2023	: 18.952 KW
	(As per the above Table)
Percentage of LED lights installed for Last one year	: 38.89 %