



7.1.2 Environmental Consciousness and Sustainability (Current Year data 2010-2021)

GOPAL KRISHAN GOKHALE COLLEGE, KOLHAPUR

POWER CONSUMPTION

Sr. No.	Name of the Department	Total.No.of Tubes	LED Tubes	Power in Watts	Regular Tubes	Power in Watts
1	Office	11	11	198	0	0
2	Chemistry	26	16	288	10	180
3	Botany	8	3	18	5	90
4	Geology	11	2	36	9	162
5	Zoology	14	5	90	9	162
6	Computer Science	26	7	126	19	342
7	Physics	19	0	0	19	342
8	Staff Room	10	10	180	0	0
9	Ladies Rooms	9	0	0	9	162
10	Geography	0	0	0	6	108
11	Sports Room	2	0	0	2	36
12	Examination Dept.	4	3	54	1	18
13	Library	39	39	702	0	0
14	YCMOU	3	1	18	2	36
15	Classroom	27	27	486	0	0
16	Basement	9	0	0	9	162
17	Garden and Passage	15	15	270	0	0
18	Canteen	12	10	180	2	36
19	NCC Room	4	3	54	1	18
20	Stair Case	11	9	162	2	36
	Total	266	161	2898	105	1890

TOTAL ANNUAL POWER REQUIRED-9576 KWH	Percentage
TOTAL ANNUAL POWER MET THROUGH LED- 5796 KWH	60.53%
TOTAL ANNUAL POWER METTHROUGH OTHER-3780 KWH	39.47%

Alternate Sources of Energy-

Solar energy	Biogas plant	Wheeling to the Grid	Sensor-based energy conservation
0	0	0	0