

7.1.2

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 | Physics | 19 | 0 | 0 | 19 | 342 |
| 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 | Office | 11 | 11 | 198 | 0 | 0 |
| 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 | 1 | 18 | 2 | 36 |
| 14 | YCMOU | 27 | 27 | 486 | 0 | 0 |
| 15 | Classroom | 9 | 0 | 0 | 9 | 162 |
| 16 | Basement | 15 | 15 | 270 | 0 | 0 |
| 17 | Garden and Passage | 12 | 10 | 180 | 2 | 36 |
| 18 | Canteen | 4 | 3 | 54 | 1 | 18 |
| 19 | NCC Room | 11 | 9 | 162 | 2 | 36 |
| 20 | Stair Case | 266 | 161 | 2898 | 105 | 1890 |
| | Total | | | | | |

TOTAL ANNUAL POWER REQUIRED-9576 KWH

TOTAL ANNUAL POWER MET THROUGH LED- 5796 KWH

TOTAL ANNUAL POWER MET THROUGH OTHER-3780 KWH

Percentage

60.53%

39.47%



Principal
Gopal Krishna Gokhale College
Kolhapur.