

### 4.6 Annual Lighting Power requirement (In KWH)

Sr. No.	Lighting Load type	No. of Lamps	Power rating	Approximate no. of hours used per day	Total Annual wattage	Total KWH (Average on Annual basis)
1	Lamp load	14	100W	6	3066000	$3066000 / (8760 * 1000) = 0.35$
2	LED load	300	9W	6	5913000	$5913000 / (8760 * 1000) = 0.675$
Total annual (Average per hour basis) lightning power requirement						1.025 KWH

  
 REGISTRAR  
 HIM UNIVERSITY  
 Gwalior (M.P.)

  
 9/13/2018

  
 9/13/18