7.1.3 & 7.1.4 Green Audit conducted at local level

Resources and Energy Management

Number of	No. of air	LED/LCD	Use of	Promotion of	Average	Overall
Tubes	Conditioners	Monitors	Generator	Energy	A4	Energy
Compact				Conservation	sheet of	Manageme
Florescent				Practices	paper	nt
Lights,					per day	
incandescent						
102	0	33	1	Yes	77	Average

This indicator addresses energy consumption, energy sources, energy monitoring, lighting appliances, natural gas and vehicles. Energy used is clearly an importance aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment.

Observations

- 1. Energy source utilized by all departments and common facility centre is electricity only. The total annual energy consumption is determined as 10,942 KWH.
- The percentage of annual lighting power requirement met through LED bulbs and tubelights is approximately 80% which amounts to 8753.6 KWH of the total annual electricity consumption.
- 3. All the departments and common facility centers are equipped with LED lamps approximately 35 LED Tubelights and 14 LED Bulbs are counted during survey. Besides this 04 LED Tubelights are also installed in the outskirt of the college.
- 4. Equipments like computers are used with power saving mode. Campus administration runs switch of drill on regular basis.



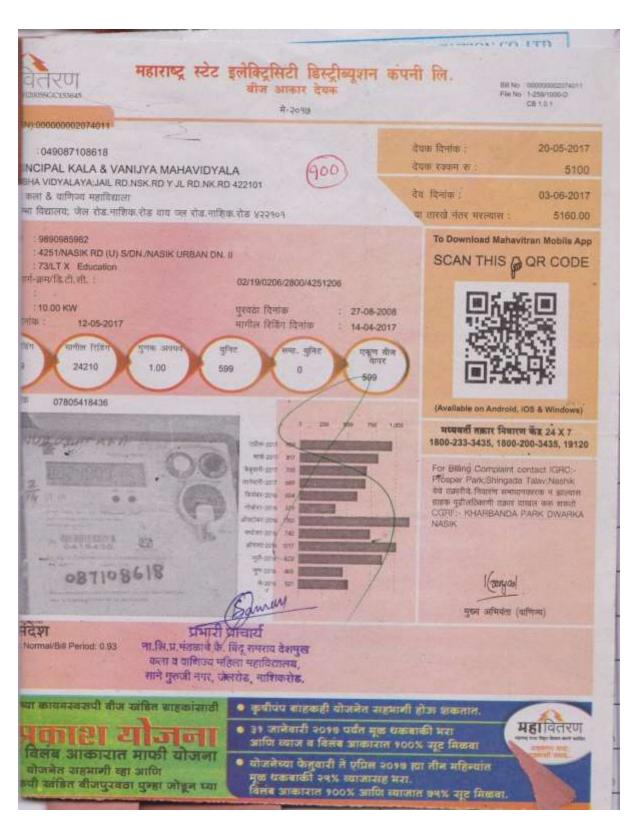
Recommendations

- 1. In order to create awareness among the students and the staff regarding energy conservation various programmes, activities and workshops like street Plays, videos about awareness, Poster Competition, etc should be organized by the college.
- 2. Use of solar energy is essential in college campus.
 - *College has submitted the proposal for the solar energy to SPPU

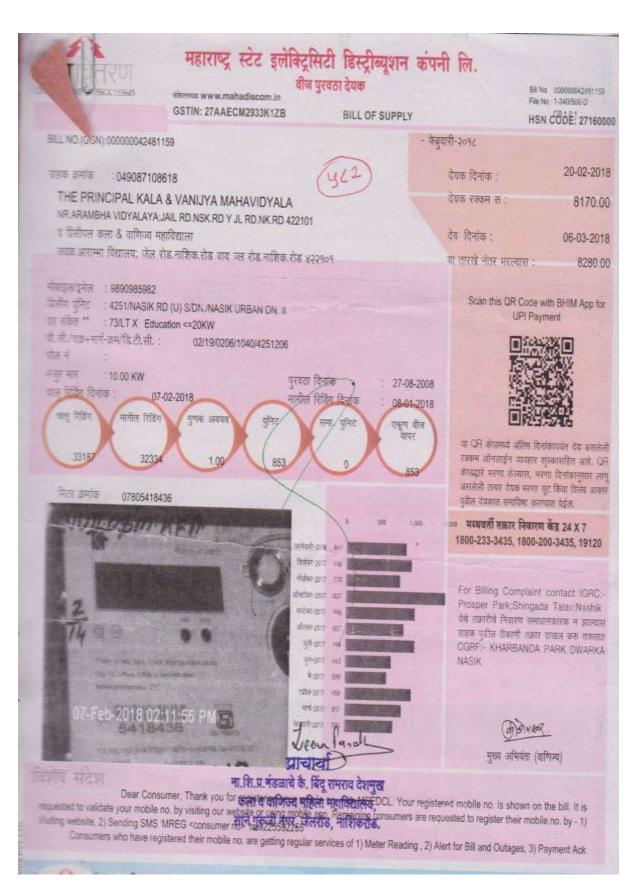
Supporting Documents

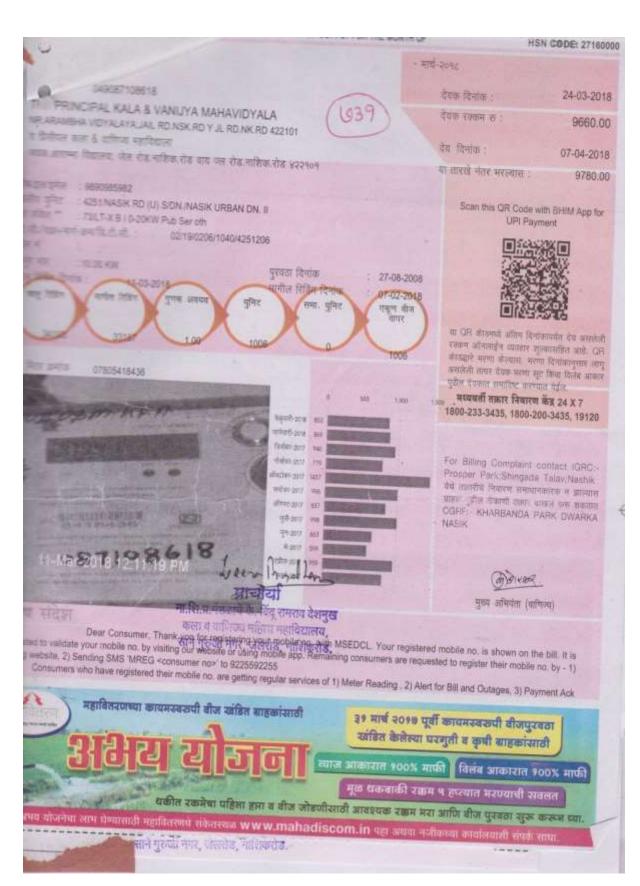


Electricity Bill of April 2017



Electricity Bill of May 2017





Electricity Bill of March 2018

Sr. No.	Place	Tubes	LED Tubes	Bulbs	Sr. No.	Place	Tubes	LED Tubes	
1	Office	5			33	Class Room No.14	2		
2	Principal Cabin	3	1		34	Class Room No.15	2		
3	NAAC Room		2	77.00	35	Class Room No.16	2		
4	Library	6		1000	36	Class Room No.17	2	-	
5	Washroom-1(Ladies)	1	-	242	37	Class Room No.18	2	*	
6	Washroom-2			1.70	38	Porch	3		
7	Washroom-3 & 4	-	1		39	Parking Right Side		*	
8	Reading Room	4	1		40	Parking Left Side		*:	
9	Ladies Room	1		1	41	College Entrance		*	
10	Gosavi Hall	3	5	2(Regular)	42	Ground back Porch	1	1	
11	Sports Room		- 11	1	43	Front 1st Stair case	1	*	
12	Sports Room Porch				44	Front 2nd Stair case	1	*	
13	Pantry & Ladies Washroom	2	2		45	Back 1st stair case			
14	1st Floor Staff Room	1		I(CFL)	46	Back 2nd Stair case	1	- 2	
15	Class No. 1	2		941	47	TOTAL:	77	35	
16	Class Room-2	2	1						
17	Class Room-3	2	1						
18	Class Room-4	2		***					
19	Exam Room	4	1						
20	Strong Room	140	1	*					
21	Computer Lab	4		1					
22	Ground Porch	1	3	120					į
23	1st Floor Porch	2							1
24	Class Room 13	2						,	'
25	2nd Floor Class Room 12	2						P	R
26	Class Room No.5	2		-				N.S.P.M's Late	B
27	Class Room No.6	2		- 3				Arts & Commer	

28 Class Room No.7 29 Class Room No.8

30 Class Room No.9

31 Class Room No.10

32 Class Room No.11

2

2

1

PRINCIPAL

N.S.P.M's Late Bindu Ramrao Deshmukh

Arts & Commerce Mahita Mahavidyalaya,

Jail Road, Nasik Road-422 101

Bulbs

-8(CFL)

.

14

2017-18 Month wise Consumption of Electricity

Sr.No.	Month	Use (in KWH)
1	Apr-May	959
2	May-June	599
3	June & July	663
4	July & Aug	998
5	Aug & Sep	837
6	Sep & Oct	996
7	Oct & Nov	1437
8	Nov & Dec	779
9	Dec & Jan	946
10	Jan & Feb	869
10	Feb & Mar	853
12	Mar & Apr	1006
14	Total	10942

Annual Consumption of Electricity: 10942 KWH

The percentage of annual lighting power requirement met through LED bulbs and tubelights is approximately 80% which amounts to 8753.6 KWH of the total annual electricity consumption.

PRINCIPAL

N.S.P.M's Late Bindu Ramrao Deshmukh
Arts & Commerce Mahila Manavidyataya,
Jali Road, Nasik Road-422 101