



CRITERION-7  
AQAR  
2020-2021

# Circular



## NEW HORIZON COLLEGE

Marathalli, Bangalore

1 December 2020

### CIRCULAR (Staff)

The following faculty members are requested to attend the meeting on energy conservation measures and issues at 3.00 pm in principal's chamber.

**Principal**

Principal  
NEW HORIZON COLLEGE  
Ring Road, Bellandur Post,  
Bangalore - 560 103.

S.No	Name of the Member	Designation	Signature
1	Dr.R.Bodhisatvan	Principal	
2	Mr.Arun Raghu Babu	IQAC- Coordinator & HOD BBA	
3	Ms.Prasanna Prakash	HOD- BCom	
4	Dr.Nagaraju Kilari	HOD- BCA	
5	Mr. Karthik K	Estate Manager	



## NEW HORIZON COLLEGE

Marathalli, Bangalore

11 January 2021

### CIRCULAR (Staff)

The following faculty members are requested to attend the meeting on energy conservation measures and issues at 10.00 am in principal's chamber.

**Principal**

Principal  
NEW HORIZON COLLEGE  
Ring Road, Bellandur Post,  
Bangalore - 560 103.

Sl.No	Name of the Member	Designation	Signature
1	Dr.R.Bodhisatvan	Principal	
2	Mr.Arun Raghu Babu	IQAC- Coordinator & HOD BBA	
3	Ms.Prasanna Prakash	HOD- BCom	
4	Dr.Nagaraju Kilari	HOD- BCA	
5	Mr. Karthik K	Estate Manager	



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# Minutes of Meeting



# NEW HORIZON COLLEGE MARATHALLI

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Recognized under section 2 (D) of the UGC Act 1956  
Accredited by NAAC with A Grade

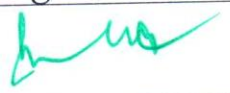




## Minutes of Meeting

Proceeding of the meeting on energy conservation held on 1 December ,  
2020

**Venue:** Principal Chamber, Shaheed Hemu Kalani Block

**Time:** 3.00 pm

The following members were present

SI No.	Name of the Committee with Designation	Signature
1	Dr. R.Bodhisatvan Principal	Chairman 
2	Mr. Karthik K Estate manager	Member 
3	Ms. Prasanna Prakash HOD, B.COM	Member 
4	Mr. Arun Raghu Babu HOD, BBA	Member 
5	Dr. Nagaraju Kilari HOD, BCA	Member 

**The committee discussed and decided to implement the following**

1. Energy audit for our department can be carried out by students and project can be done to save. Energy by using Renewable sources like solar PV and wind.
2. All faculty students should be insisted to turn off electrical appliances if its not required, for that posters. Pamphlets can be circulated.
3. Energy Conservation Programs to be conducted at college through department club activities.



**Principal**

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Ring Road, Bellandur Post,  
Bangalore - 560 103.



# NEW HORIZON COLLEGE MARATHALLI

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Recognized under section 2 (1) of the U.G. Act, 1956  
Accredited by NAA with A Grade






## Minutes of Meeting

Proceeding of the meeting on energy conservation held on 11 January, 2021

**Venue:** Principal Chamber, Shaheed Hemu Kalani Block

**Time:** 10.00 am

The following members were present

Sl No.	Name of the Committee with Designation	Signature
1	Dr. R.Bodhisatvan Principal	Chairman 
2	Mr. Karthik K Estate manager	Member 
3	Ms. Prasanna Prakash HOD, B.COM	Member 
4	Mr. Arun Raghu Babu HOD, BBA	Member 
5	Dr. Nagaraju Kilari HOD, BCA	Member 

**The committee discussed and decided to implement the following**

1. Green energy week to conserve energy campaign can be organized and awareness may be created
2. All the manual regulators (SCR based) can be replaced with smart regulators
3. To make involve students is doing energy audit calculations for a room and can be extended in the institutional level
4. All outdoor lighting may be automated to control its switching when it becomes dark



**Principal**

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# Energy Conservation Practices



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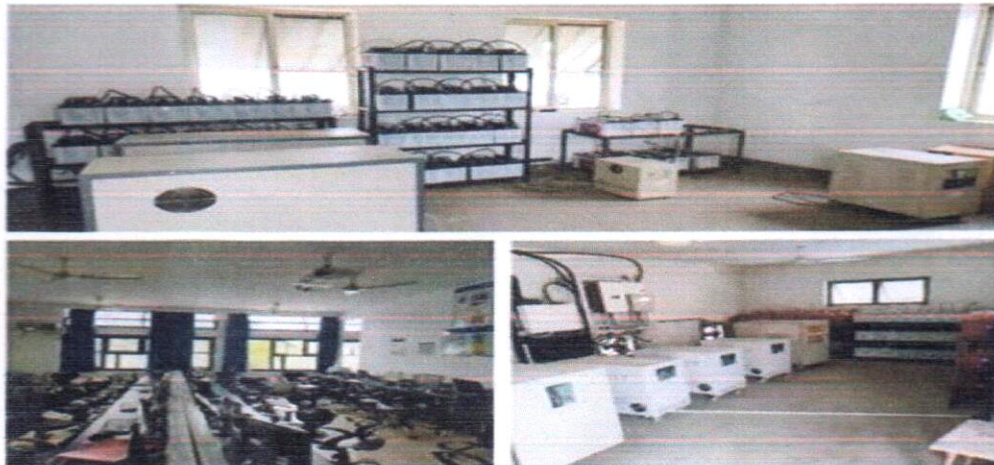


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In the intension of saving the electricity, various measures have been adopted in the college. Computers and AC units are used only during the working hours, after completion of class hours – fans, lights, computers and AC units are found be turned OFF. This practice is followed across the college premises (class rooms, labs, staff rooms, office rooms, library and auditoriums)

### 7.1.2.1 Day-light Integration

Most of the Classrooms, Staff-rooms, computer lab, seminar hall, UPS & batteries room and library are well ventilated and day-light integrated.



**Well-ventilated and day-light integrated rooms**



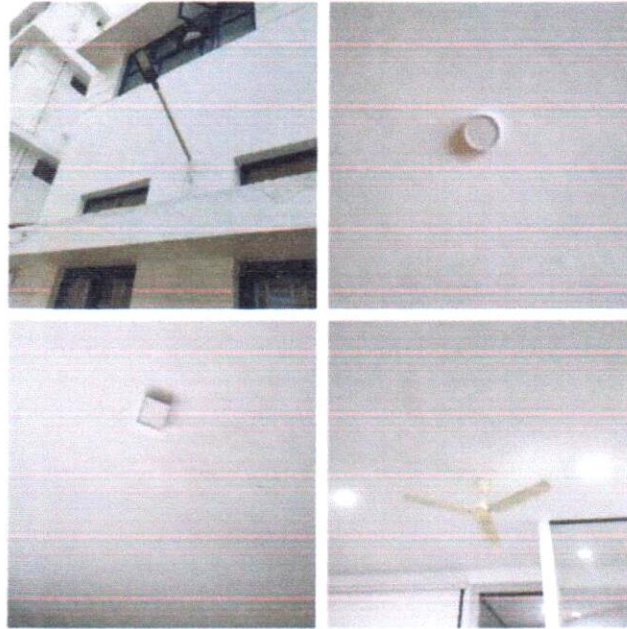
**Well-ventilated and day-light integrated class room**

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### 7.1.2.2. Installation of LED lights

Many of the FTL in all the blocks of the campus are replaced with LED lights. LED tube lights are used in the class rooms, staff-rooms, corridors, hostel, dining area, building façade lighting and in the library area.



**Use of LED lights**

### 7.1.2.3 Installation of VRV and Inverter AC Systems

The conventional air cooled AC units are replaced with energy efficient VRV and Inverter type AC units.



**VRV Air Conditioning Unit**

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### 7.1.2.4 Installation of Solar Water Heater

Solar water heaters are installed in boys and girls hostel for generating hot water.



**Use of Solar Water Heater**

### 7.1.2.5 Procurement of LED/LCD monitors

LED/LCD monitors are used for all the desktop computers in staff rooms and in computer labs.



**Use of LED monitors in the computer labs**

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### 7.1.2.6 Micro wind mill

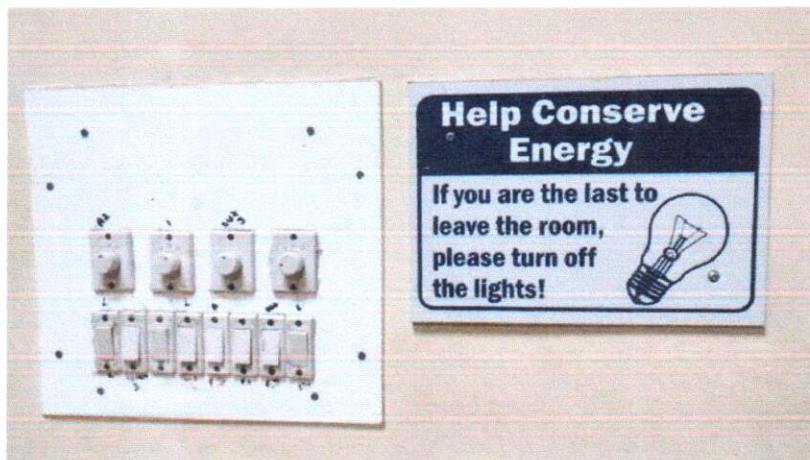
Micro wind mill was installed in the terrace of SVP block which is of 1 kW. The power generated from this wind mill is used for illuminating the lights in the class rooms and two number of street lights during night time.



Micro wind mill installed in SVP block

### 7.1.2.7 Usage of Sign boards

There were Sign boards stating 'Switch off the lights and fans when not in use' and 'Save Energy' posted in class rooms, staff-rooms, labs, libraries hostels and corridors.



Sign boards to save energy

  
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