



# NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

## ENERGY CONSERVATION AUDIT - COMMITTEE MEETING

Date: 30.12.2022

Dear Member,

This is to inform you that, there is a meeting scheduled on 4-01-2023 at 10.00 am in the Conference Room to discuss about Energy Conservation Measures and Events.

All the members are requested to present for the Meeting.

Sl.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Prof.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	
4	Dr.Joshua Daniel Raj Electrical and Electronics Engineering	Member	
5	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
6	Prof.Sangeetha C N Electrical and Electronics Engineering	Member	
7	Dr.Sujitha .S HoD-Incharge Electrical and Electronics Engineering	Member Secretary	 4/1/23

4/1/2023  
Member Secretary



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## ENERGY CONSERVATION AUDIT COMMITTEE - MINUTES OF MEETING

Date and Time: 04.01.2023 at 10.00 am

Venue: Conference Room

Attendees:

S.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Mrs.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	
4	Dr.Joshua Daniel Raj Electrical and Electronics Engineering	Member	
5	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
6	Mrs.Sangeetha C N Electrical and Electronics Engineering	Member	
7	Dr.Sujitha .S HoD-Incharge Electrical and Electronics Engineering	Member Secretary	

The Member Secretary welcomed the members and requested the Principal to address the gathering and discuss on the proposed Agenda of the meeting.

Principal appreciated the measures planned and organized for Energy Conservation and concise about the efforts to ease inefficient energy consumption by using efficient energy services.

The following concerns were discussed by the committee

1. Energy Audit for Sardhar Valabhai Patel Block can be carried out by the team of EEE Department lab instructors
2. In line with NEP -Summer campus Internship Initiated for all 3<sup>rd</sup> Semester EEE students related to Energy Conservation -**"Field Data collection for Energy"**- to find ratings of each Electrical appliance, Instruments and Machineries in all class

rooms and laboratories of EEE department to calculate the energy consumption and demand.

3. All faculty and students are instructed to **turn off the electrical appliances when not in use** through awareness campaign and posters across departments.
4. Replacing of the fluorescent tube light with 12w LED tube lights
5. Replacing of the conventional ceiling fan with BLDC fan (20W)
6. In line with energy conservation students are motivated to do **projects**.
  - a. "Load Shedding time management with Programmable Interface" Project by EEE student - Bhagavantaray (1NH20EE021) and Team
  - b. "Waste Segregation BIN" - Project by EEE Student - Doni Snehit P (1NH20EE035) and Team.

7. **Energy conservation programs** to be conducted at schools through **Green Energy Club of NHCE** which mainly concentrates in creating awareness regarding the importance and methods of Energy Conservation along with its effective utilization. The below are the activities briefed to the members are appreciated.

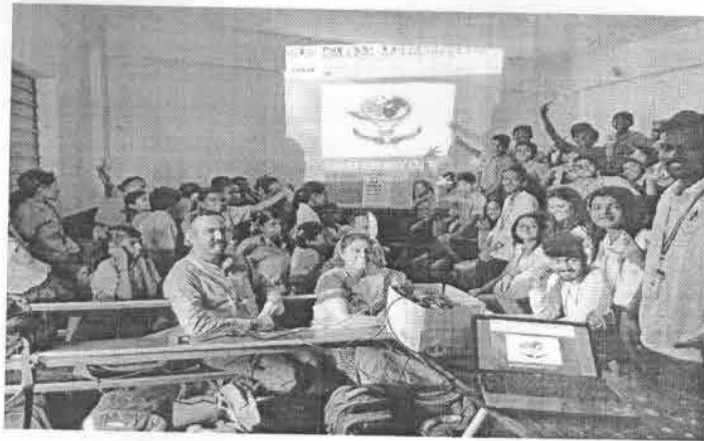
- a. **"WAR OF WORDS" – DEBATE COMPETITION on ENERGY CONSERVATION conducted in campus.** The main potential is to bring out the enthusiasm and ability of the students towards communication and create awareness, also to acquire knowledge on various topics. The participants were divided into groups of two and encouraged to debate one-on-one and put forward their thoughts and views on the topic given to them.

- Battery vehicles are better than fossil fuel vehicles?
- Is the use of gadgets instead of books a better choice?
- Building multi-storey buildings and apartments should be restricted.
- Are humans controlled by the technology?



After the four rounds the results were announced by the Juries. The winners of the debate challenge were: Arnab Goswami , Shruti Singh, Swati and Nayrah

- b. The second event on **Energy Conservation Campaign**, Enlightening the young minds about energy conservation in campus and also in Government school at Marathahalli was conducted.



Member Secretary thanked the Principal and all Committee members.

  
Member Secretary

ENERGY CONSERVATION AUDIT - COMMITTEE



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## ENERGY CONSERVATION AUDIT - COMMITTEE MEETING

Date: 28.7.2022

Dear Member,

This is to inform you that, there is a meeting scheduled on 1-08-2022 at 11.00am in the Department Conference Room to discuss about Energy Conservation Measures, all the members are requested to attend

Sl.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Prof.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	
4	Dr.Joshua Daniel Raj Electrical and Electronics Engineering	Member	
5	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
6	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
7	Dr.Mahesh M HoD -Electrical and Electronics Engineering	Member Secretary	

Member Secretary



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## ENERGY CONSERVATION AUDIT - COMMITTEE

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 01.08.2022 at 11.00am in the Department Conference Room to discuss the following issues.

The following members were present

Sl.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Prof.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	
4	Dr.Joshua Daniel Raj Electrical and Electronics Engineering	Member	
5	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
6	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
7	Dr.Mahesh M HoD -Electrical and Electronics Engineering	Member Secretary	

Member Secretary



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**ENERGY CONSERVATION AUDIT - COMMITTEE MEETING**

**Minutes of meeting held on 1.08.2022**

The following issues have been discussed by the committee to proposed for implement

- 1) Rectify the faulty capacity and installing capacitor bank recommended for 50KVA.
- 2) Minimizing the maximum demand by analyzing the load demand strategies with different timings of laboratories (suggested EE,CS and EC branches in morning labs and ME, ISE ad MCA branches in afternoon labs) a maximum demand of supply is managed
- 3) Replacing the conventional ceiling fan with BLDC fan (20W) when faulty.

**Member Secretary**

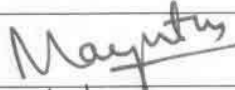



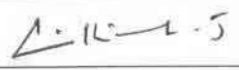

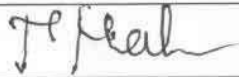
# New Horizon College of Engineering Bangalore

## Department of Electrical and Electronics Engineering

Date: 16/07/2021

Dear Member,

This is to inform you that, there is a meeting scheduled on 19-07-2021 at 10.00 am in the Department Conference Room to discuss about Energy Conservation Measures, all the members are requested to attend.

Sl. No	Committee Member with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate manager	Member	
3	Mr.Inbasagar S EEE Department	Member	
4	Mr.Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr.Sathish Kumar D EEE Department	Member	
7	Dr. Mahesh M HoD-EEE	Member Secretary	

  
Member Secretary

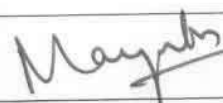
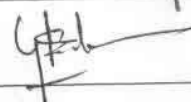



# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 19.07.2021 at 10.00 am in the Department Conference Room to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr. Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr. Mahesh M HOD - EEE	Member Secretary	

  
Member Secretary

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

Minutes of the meeting held on 19.07.2021

The committee discussed and decided to implement the following

- 1) Identification of loads having low power factor
- 2) Suitable measures to be incorporated for power factor correction
- 3) Feasibility and cost estimation for power factor correction methods

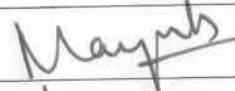


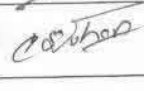
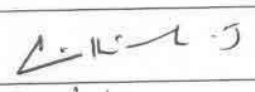
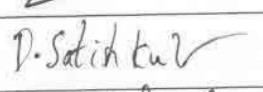
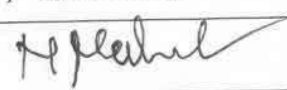
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**New Horizon College of Engineering Bangalore**  
**Department of Electrical and Electronics Engineering**

Date: 10/12/2021

Dear Member,

This is to inform you that, there is a meeting scheduled on 13-12-2021 at 10.00 am in the Department Conference Room to discuss about Energy Conservation Measures, all the members are requested to attend.

Sl. No	Committee Member with Designation		Signature
1	Dr. Manjunatha Principal	Chairman	
2	Mr. Karthik Estate manager	Member	
3	Mr. Inbasagaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr. Mahesh M HoD-EEE	Member Secretary	

  
Member Secretary

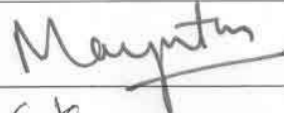


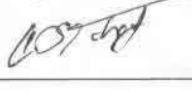
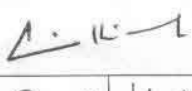
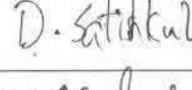
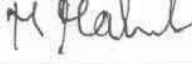
# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 13.12.2021 at 10.00 am in the Department Conference Room to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr. Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr. Mahesh M HOD - EEE	Member Secretary	

  
Member Secretary

# **NEW HORIZON COLLEGE OF ENGINEERING**

## **Energy Conservation**

Minutes of the meeting held on 13.12.2021

The committee discussed and decided to implement the following

- 1) Verifying the earthing of various blocks in campus
- 2) Measures to improve the efficiency of earthing
- 3) Power conservation measures

*referred*

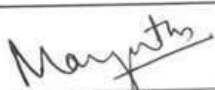




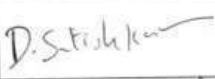
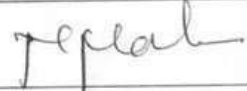
# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 11.01.2021 at 10.00 a.m in the Department Conference Room to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr. Mahesh M HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

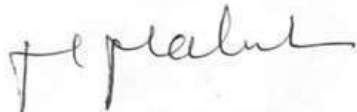
## Energy Conservation

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Minutes of the meeting held on 11.01.2021

The Committee discussed and decided to implement the following

1. Green Energy week to conserve energy campaign can be organised 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 institution level.
4. All outdoor lighting may be automated to control its switching when it becomes dark.



Secretary  
Energy Conservation Committee


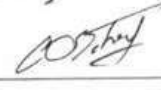
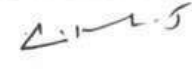
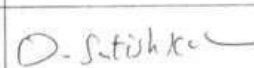
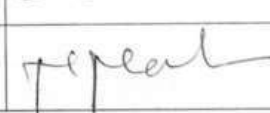
# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 14.12.2020 at 10.00 a.m in the Department Conference Room to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr.Mahesh M HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

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Minutes of the meeting held on 14.12.2020

The Committee discussed and decided to implement the following

1. Energy Audit for our department can be carried out by Students & 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 schools through department club activities.



Secretary  
Energy Conservation Committee

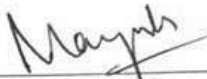



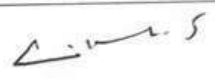
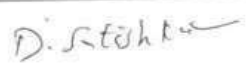

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 05.03.2020 at 10.00 a.m in the Department Conference Room to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr.Ramkumar S HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

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Minutes of the meeting held on 05.03.2020

The Committee discussed and decided to implement the following

1. Department wise Energy meter can be installed and less power consuming department can be appreciated/awarded.
2. Campus can be supplied through solar/wind supply & excess power can be given back to grid so that we can get subsidies.
3. Usage of motors and its power factor should be mentioned. So case study may be given to students.



Secretary

Energy Conservation Committee

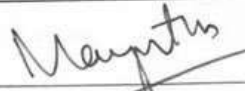

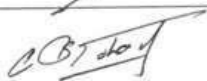
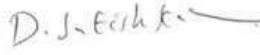

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 20.12.2019 at 10.00 a.m in the Department Conference Room.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr.Ramkumar S HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

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Minutes of the meeting held on 20.12.2019

The Committee discussed and decided to analyse the events attended by students to improve energy conservation

1. A prototype model for automatic electric appliance control is proposed for energy conservation on 20-11/2019 by Muhammad Mazz (1NH17EE725) student of NHCE-EEE in front of the Energy Conservation Committee. The committee decided to convert the prototype model into a real-time system to implement the same at the microcontroller laboratory for the reduction of electricity wastage.
2. An energy-saving smart meter was designed by Sriram (1NH17EE048), Sridharan (1NH17EE037) under the guidance of Dr. A. Singaravelan. The design was presented to the Energy Conservation Committee on 08-03-2019. The committee suggested the team members to present the designed smart meter at VIT University, Make-a-thon 2019 a national-level event.
3. A team of five students from NHCE-EEE reached the top 10 in a national-level event (VIT University, Make-a-thon 2019) from 25-03-2019 to 27-03-2019 for designing an energy-saving smart meter for energy conservation.



Secretary

Energy Conservation Committee

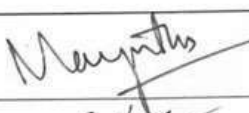
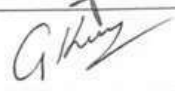



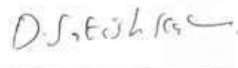

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 16.09.2019 at 10.00 a.m in the Department Conference Room.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr.Ramkumar S HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

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Minutes of the meeting held on 16.09.2019

The Committee discussed and decided to implement the following

1. Whether Installing BLDC fan saves power ? Check Reliability.
2. Use smart power - to eliminate the problem of Phantom loading
3. Purchase energy-efficient appliances (Five star energy rating appliances)



Secretary

Energy Conservation Committee

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 15.01.2019 at 10.00 a.m in the Department Conference Room.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr.Ramkumar S HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

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Minutes of the meeting held on 15.01.2019

1. All the student residences are provided with solar water heaters, an initiative that abates the emission of 129.94 tonnes of Co<sub>2</sub> per year.
2. All the buildings are provided with rooftop rainwater harvesting facilities.
3. Polythene bags and plastic are segregated before window computing of organic waste.
4. Measures should be taken to conserve energy and water using energy efficient devices in all the buildings.



Secretary

Energy Conservation Committee

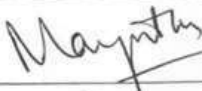
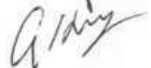



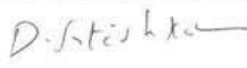

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 12.12.2018 at 10.00 a.m in the Department Conference Room.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Inbasakaran S EEE Department	Member	
4	Mr. Mohan B S EEE Department	Member	
5	Mr. Lithesh J EEE Department	Member	
6	Mr. Sathish Kumar D EEE Department	Member	
7	Dr.Ramkumar S HoD - EEE	Member Secretary	

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

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Minutes of the meeting held on 12.12.2018

The Committee discussed and decided to implement the following

1. Awareness program in schools, colleges
2. Printouts, Wall hanges(Swith off Light>>>>)
3. Usage of Solar & Wind Energy
4. Biomass, Waste collection for small generation power.
5. Replacement of Florescent Lamp with LED
6. Power quality can be checked (V.F. Harmonics)
7. Earthing to be verified.
8. Power factor correction can be checked
9. Automation Projects through mini projects



Secretary

Energy Conservation Committee


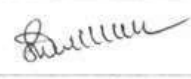

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 13.03.2018 at 03.00 p.m in the Departmental Library to discuss the following Issues.

The following members were present

Sl. No.	Name and Designation	Committee Members	Signature
1	Dr. Manjunatha Principal, NHCE	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Mohan Dept. of EEE	Member	
4	Mr. Inbasakaran Dept. of EEE	Member	
5	Mr. Sunil Dept. of EEE	Member	
6	Mr. Lithesh Dept. of EEE	Member	
7	Dr. Sujitha S Dept. of EEE	Member	
8	Dr. Mahesh K Dept. of EEE	Coordinator	
9	Dr. R. Elumalai HOD- Dept. of EEE	Member Secretary	

### AGENDA

1. Welcoming the members.
2. Last 3 months review of Energy Conservation in the Campus
3. Suggestions from the members to improve the Energy Conservation in the Campus
4. Planning for workshop on clean energy
5. Creating awareness on energy conservation in-Campus.

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**

Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

13.03.2018

Minutes of the meeting held on 13.03.2018

The committee discussed and decided to implement the following:

1. Energy conservation programs should be conducted and awareness should be created among students.
2. To present the different opportunities and measures for reducing energy use in buildings without sacrificing comfort levels.
3. To save the energy low power consuming bulbs should be used throughout the buildings and Energy efficient lighting schemes should be used.
4. PV Energy Conversion can be implemented in campus

  
Secretary

Energy conservation committee

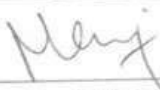
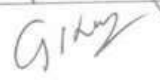

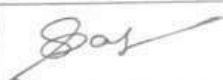

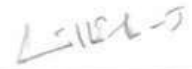


# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 24.08.2017 at 03.00 p.m in the Departmental Library to discuss the following Issues.

The following members were present

Sl. No.	Name and Designation	Committee Members	Signature
1	Dr. Manjunatha Principal, NHCE	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Mohan Dept. of EEE	Member	
4	Mr. Inbasakaran Dept. of EEE	Member	
5	Mr. Sunil Dept. of EEE	Member	
6	Mr. Lithesh Dept. of EEE	Member	
7	Dr. Mahesh K Dept. of EEE	Coordinator	
8	Dr. R. Elumalai HOD- Dept. of EEE	Member Secretary	

### AGENDA

1. Building Energy Efficiency – Energy Audit
2. Implementation, Monitoring and Continuous Review
3. Educating students on rural energy and conservation

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**  
Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

24.08.2017

Minutes of the meeting held on 24.08.2017

The committee discussed and decided to implement the following:

1. Build the energy efficiency schemes and to do the energy auditing.
2. To Implement, Monitor and Continuous review of the all energy conservation processes.
3. To take Students to Mahatma Gandhi Rural Energy Institute to give on spot experience about Rural Energy electrification and conservation.



Secretary

Energy conservation committee

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 31.03.2017 at 03.00 p.m in the Departmental Library to discuss the following Issues.

The following members were present

Sl. No.	Name and Designation	Committee Members	Signature
1	Dr. Manjunatha Principal, NHCE	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Mohan Dept. of EEE	Member	
4	Mr. Inbasakaran Dept. of EEE	Member	
5	Mr. Sunil Dept. of EEE	Member	
6	Mr. Lithesh Dept. of EEE	Member	
7	Dr. Mahesh K Dept. of EEE	Coordinator	
8	Dr. R. Elumalai HOD- Dept. of EEE	Member Secretary	

### AGENDA

1. Last months review of Energy Conservation in the Campus
2. Planning for Industrial visit on CLEAN Energy

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**  
Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

31.03.2017

Minutes of the meeting held on 31.03.2017

The committee discussed and decided to implement the following:

1. All the committee members met and discussed the success of energy conservation campaigning and further improvement in future campaign.
2. With regards to getting more understanding about clean energy the committee discussed.
3. To take Students to 10MW solar power plant Mandya. The date and schedule has to be decided based on the approval of industries.
4. Faculty and Students participation in renewable energy conference and workshop.
5. To organize hands on workshop on solar energy utilization and challenges.
6. To impress upon college management regarding power generation opportunities in solar based power plants on roof top and government subsidizes.

  
Secretary

Energy conservation committee

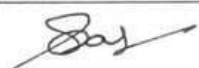
# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 13.02.2017 at 03.00 p.m in the Departmental Library to discuss the following Issues.

The following members were present

Sl. No.	Name and Designation	Committee Members	Signature
1	Dr. Manjunatha Principal, NHCE	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Mohan Dept. of EEE	Member	
4	Mr. Inbasakaran Dept. of EEE	Member	
5	Mr. Sunil Dept. of EEE	Member	
6	Mr. Lithesh Dept. of EEE	Member	
7	Dr. Mahesh K Dept. of EEE	Coordinator	
8	Dr. R. Elumalai HOD- Dept. of EEE	Member Secretary	

### AGENDA

1. Welcoming the new members and member secretary
2. Last 3 months review of Energy Conservation in the Campus
3. Suggestions from the new members to improve the Energy Conservation in the Campus
4. Planning for workshop on clean energy
5. Creating awareness In-Campus.

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**

Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

13.02.2017

Minutes of the meeting held on 13.02.2017

The committee discussed and decided to implement the following:

1. The new members and member secretary of the energy conservation club were invited and greeted by the chairman.
2. All the committee members met and discussed the energy conservation campaigning and further improvement in the club activities.
3. The coordinator addressed the members and he asked the suggestions to the members to improve the energy conservation in the campus. The suggestions given by them were noted and to be implemented.
4. With regards to getting more understanding about clean energy the committee discussed and approved to conduct clean energy workshop. The date and schedule has to be decided based on the convenient of the members.
5. All the committee members discussed to conduct the energy conservation campaigning in the campus.
6. Energy conversation promotion at school level to be initiated by students and faculty members.

  
Secretary

Energy conservation committee

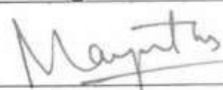



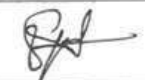
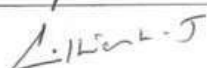

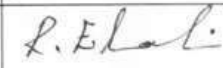
# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 13.10.2016 at 04.00 p.m in the Departmental Library to discuss the following Issues.

The following members were present

Sl. No.	Name and Designation	Committee Members	Signature
1	Dr. Manjunatha Principal, NHCE	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Mohan Dept. of EEE	Member	
4	Mr. Inbasakaran Dept. of EEE	Member	
5	Mr. Sunil Dept. of EEE	Member	
6	Mr. Lithesh Dept. of EEE	Member	
7	Dr. Mahesh K Dept. of EEE	Coordinator	
8	Dr. R. Elumalai HOD- Dept. of EEE	Member Secretary	

### AGENDA

1. Welcoming the new members and member secretary
2. Last 3 months review of Energy Conservation in the Campus
3. Suggestions from the new members to improve the Energy Conservation in the Campus

### Discussions

1. We have addressed all the office staff and Secretary Office about Energy Conservation.
2. An Energy Conservation (Solar roof top) proposal was submitted to Director, PRO.
3. The Energy Conservation Awareness videos have been shared in NHCE whatsapp group.
4. Awareness on Energy Conservation for Hostel Students will be addressed shortly.
5. The effectiveness of Energy Conservation auditing, will be taken up in the month of November as per audit report recommendations.
6. One day Energy Conservation Awareness for first year students is scheduled.
7. All the department lab instructors will be addressed about Energy Conservation Awareness.
8. Step by step all the lights in the institution is being replaced by LED Lights.
9. The geezers in the hostels will be fitted with timers.
10. The college campus lights will be fitted with timers.
11. The sodium lights around the campus will be replaced by LEDs.
12. The Falconary and Chanakya Halls power supply will be upgraded to inverter.

*R. E. Lal.*

**New Horizon College of Engineering**  
**Energy Conservation Audit Committee**

7/10/2016

The following committee is formed to propagate the message of energy conservation and it's important in climatic balance on earth among student, staff, faculty members and society. The members of committee will also audit conservation technologies implemented in New Horizon Group of Institution and submit report the status to chairman of the committee along with suggestions for better conservation.

Sl. No.	Name and Designation	Committee Members	Contact No
1	Dr. Manjunatha Principal, NHCE	Chairman	9901916000
2	Mr. Karthik Estate Manager	Member	9845535718
3	Mr. Mohan Dept. of EEE	Member	8123406405
4	Mr. Inbasakaran Dept. of EEE	Member	9686605679
5	Mr. Sunil Dept. of EEE	Member	9742948894
6	Mr. Lithesh Dept. of EEE	Member	9164609997
7	Dr. Mahesh K Dept. of EEE	Coordinator	9900119252
8	Dr. R. Elumalai HOD- Dept. of EEE	Member Secretary	9448826813 8495042173

  
Coordinator

  
Member Secretary

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

07.10.2016

Minutes of the meeting held on 07.10.2016

The committee discussed and decided to implement the following:

1. Energy conservation programs should be conducted and awareness should be created among students.
2. To present the different opportunities and measures for reducing energy use in buildings without sacrificing comfort levels.
3. To save the energy low power consuming bulbs should be used throughout the buildings and Energy efficient lighting schemes should be used.
4. PV Energy Conversion can be implemented in campus

  
Secretary

Energy conservation committee

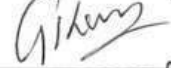



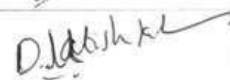
# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 02.02.2016 at 11.00 a.m in the Principal's office to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Duney D Sam EEE Department	Member	
4	Mr. Santhosh EEE Department	Member	
5	Mrs. Geetanjali EEE Department	Member	
6	Mr. Sathish EEE Department	Member	
7	Dr. Mahesh K HoD - EEE	Member Secretary	

### AGENDA

1. Energy conservation awareness week was planned from 8/2/16 to 13/2/16
2. Activities of the week are
  - a) To conduct awareness in NHCE campus in all departments.
  - b) To visit a government school in Dommasandra and sarjapura to create awareness in saving power.
3. KREDL Demo vehicle on Renewable energy to be showcased.
4. Tech Fest "ELECTRO GREEN 2016" on 27/02/16 was planned and budget for the conduction of the fest was discussed.

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

02.02.2016

Minutes of the meeting held on 02.02.2016

The committee discussed and decided to implement the following:

1. Energy conservation week was planned from 08.02.16 to 13.02.16
2. Activities of the week are
  - i) To conduct awareness in NHCE campus in all departments
  - ii) To visit a government school in Dommasandra and Sarjapura to create awareness in saving power.
3. KREDL Demo vehicle on Renewable energy to be showcased.
4. Tech fest ELECTRO GREEN 2016 on 27.02.16 was planned and budget for the conduction of the fest was discussed.



Secretary

Energy conservation committee


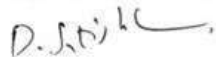

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 06.01.2016 at 10.00 a.m in the Principal's office to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr. Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Doney D Sam EEE Department	Member	
4	Mr. Santhosh EEE Department	Member	
5	Mrs. Geetanjali EEE Department	Member	
6	Mr. Sathish EEE Department	Member	
7	Dr. Mahesh K HoD - EEE	Member Secretary	

### AGENDA

1. Renewable Energy production and finding alternate sources
2. Research of alternative Power Sources

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**  
Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

06.01.2016

**Minutes of the meeting held on 06.01.2016**

The committee discussed and decided to implement the following:

1. Renewable energy production and finding alternate resources
2. A Power System Scenario Based on Smart-Grid Technologies should be implemented
3. Wind Energy Conversion techniques were discussed
4. PV Energy Conversion can be implemented in campus
5. Research on alternative power sources should be done by scholars.



**Secretary**

**Energy conservation committee**

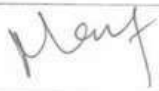
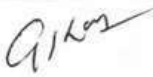



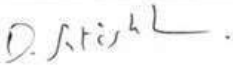

# NEW HORIZON COLLEGE OF ENGINEERING

## Energy Conservation

### MINUTES OF MEETING

The Energy Conservation Meeting was conducted on 03.08.2015 at 03.30 p.m in the Principal's office to discuss the following Issues.

The following members present were present

Sl. No	Name of the Committee with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr. Karthik Estate Manager	Member	
3	Mr. Duney D Sam EEE Department	Member	
4	Mr. Santhosh EEE Department	Member	
5	Mrs. Geetanjali EEE Department	Member	
6	Mr. Sathish EEE Department	Member	
7	Dr. Mahesh K HoD - EEE	Member Secretary	

### AGENDA

1. Building Energy Efficiency- (Energy Audit)
2. Incorporate Energy Efficiency Strategies - (Replacing of Sodium Lamps)

**NEW HORIZON COLLEGE OF ENGINEERING, BANGALORE**  
Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

03.08.2015

Minutes of the meeting held on 03.08.2015

The committee discussed and decided to implement the following:

1. Build the energy efficiency schemes and to do the energy auditing
2. To introduce the concept and benefits of energy efficiency in buildings.
3. To give an overview of the methodology used to determine the energy efficiency of buildings.
4. To present the different opportunities and measures for reducing energy use in buildings without sacrificing comfort levels.
5. To describe the different mechanisms for financing energy efficiency measures in buildings.
6. To give a summary of legislative and policy tools that has been successful in promoting energy efficiency in buildings.
7. To replace the sodium lamps by LED lamps



Secretary

Energy conservation committee