



Environmental & Energy Committee Meeting

Date: 2.01.2026

Dear Member,

This is to inform you that, there is a meeting scheduled on 09-01-2026 at 02.00 pm in the Conference Room to discuss about Environmental & Energy Conservation Measures and Events.

All the members are requested to present for the Meeting.

Agenda

Environmental & Energy Committee Meeting

1. Welcome Address by Member Secretary

2. Address by Principal- Chairman

3. Discussion on

Swachh Bharat Abhiyan – Cleanliness Drive

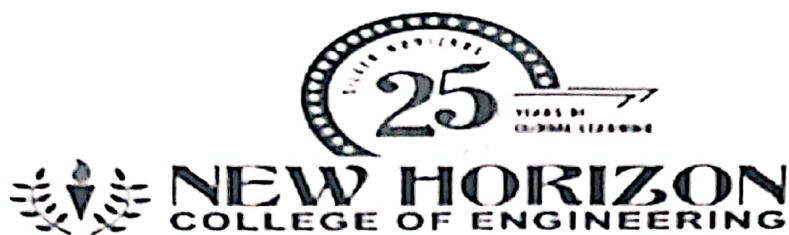
Research Potential in Power Electronics Converters for Renewable Energy

Sl.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Dr.Sujitha .S Professor & HoD Electrical and Electronics Engineering	Member Secretary	
3	Mr.Karthik Estate Manager	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	

Member Secretary

Principal
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathalli
Bangalore - 560103





Environmental & Energy Committee- MINUTES OF MEETING

Date and Time: 09.01.2026 at 02.00 pm

Venue: Conference Room

Attendees:

S.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Dr.Sujitha .S Professor &HoD Electrical and Electronics Engineering	Member Secretary	
3	Mr.Karthik Estate Manager	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	

The Member Secretary welcomed all the attendees and invited the Principal to address the gathering. The Principal appreciated and commended the initiatives undertaken by the institution towards Environmental and Energy Awareness. The committee deliberated on the various events conducted as part of the Energy Conservation initiatives, highlighting activities such as awareness programs, student participation drives, and practical demonstrations aimed at promoting energy efficiency and sustainable practices.

Swachh Bharat Abhiyan Cleanliness Drive

A Swachh Bharat Abhiyan cleanliness drive was organized in the college campus with active participation from students to promote environmental awareness and responsible energy use. The activity focused on campus cleaning and waste segregation, which contributed to environmental protection by reducing pollution and improving hygiene. Proper disposal and recycling of waste were emphasized, linking the program to energy conservation by reducing energy consumption in raw material processing. The initiative encouraged sustainability by promoting reuse, recycling, and eco-friendly practices among students. Through this program, students developed an understanding of the interconnection between cleanliness, environmental preservation, and sustainable energy management, supporting long-term sustainable development.

Event Overview:

The Department of Electrical and Electronics Engineering, in collaboration with IEEE Student Branch, IEEE TEC, and the members of green energy club, organized a cleanliness drive at Jakkur Lake on 30th September 2025 from 1:00 PM onwards. Student volunteers, and members of associated society participation.

Awareness Creation: The event emphasized the harmful effects of littering and plastic usage, particularly on water bodies and ecosystems.

Environmental Responsibility: Reinforced the importance of adopting sustainable habits like segregation of waste and recycling.

4.Teamwork and Leadership: The collaborative efforts of students and faculty showcased the impact of teamwork, discipline, and civic responsibility.

Outcomes of Program:

Environment Outcome: Improved campus cleanliness, reduced waste pollution, and enhanced ecological awareness among students.

Energy Outcome: Awareness of energy savings through recycling, waste reduction, and efficient resource usage.

Sustainability Outcome: Promotion of sustainable practices such as waste segregation, recycling, and long-term environmental stewardship.

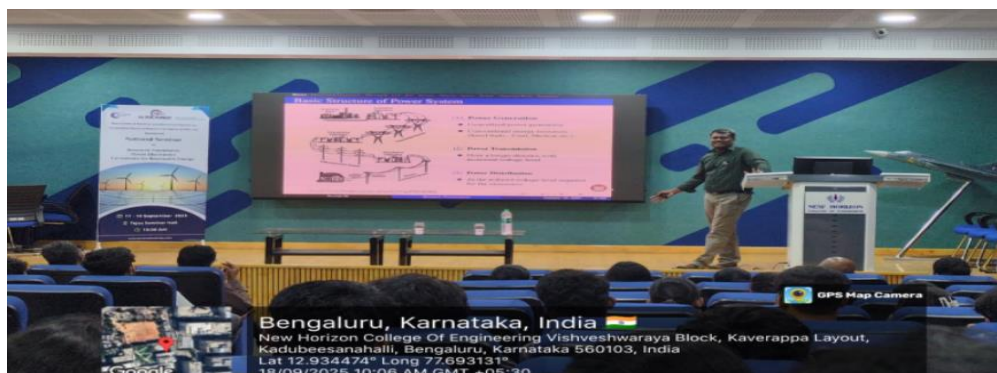
Conclusion:

The Swachh Bharat Abhiyan Cleanliness Drive at Jakkur Lake was a resounding success, merging student engagement with social responsibility. The active participation of faculty and students reflected the institution's dedication to environmental causes. This event demonstrated that even small, consistent actions can collectively bring about a significant positive change.



ANRF Sponsored National Seminar on Research Potential in Power Electronics Converters for Renewable Energy

The Department of Electrical and Electronics Engineering organized a two-day ANRF-sponsored National Seminar titled “Research Potential in Power Electronics Converters for Renewable Energy” on 17th and 18th September 2025. The seminar aimed to provide a collaborative platform for researchers, academicians, and industry professionals to discuss advancements in power electronics for renewable energy systems. Key objectives included exploring emerging research trends, discussing converter topologies for solar, wind, and hybrid systems, and identifying innovation opportunities. The event encouraged academic-industry collaboration and highlighted the importance of interdisciplinary research. Participants included faculty, research scholars, industry experts, and students from various institutions. Sessions covered converter technologies, integration challenges, and future directions in renewable energy applications. The seminar facilitated knowledge exchange and practical insights into power electronics research. Networking opportunities enabled participants to connect with experts and peers for future collaborations.. They enable effective integration of renewable sources like solar PV and wind into the grid and standalone systems with minimal energy wastage. By supporting MPPT techniques, smart control, and high-efficiency topologies, these converters ensure that more usable electrical energy is extracted from renewable sources, thereby conserving conventional fossil-fuel-based energy and reducing overall carbon emissions.



Key Takeaways

Power electronic converters are core enablers for efficient renewable energy systems.

High-efficiency converter topologies contribute significantly to energy conservation by minimizing losses.

Advanced control strategies (MPPT, PWM, AI-based control) enhance energy extraction from renewables.

Research opportunities exist in wide bandgap devices (SiC, GaN) for higher efficiency and compact designs.

Improved converter reliability and power quality support sustainable and long-term renewable integration.

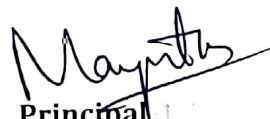
The seminar highlighted the importance of innovation in converters for achieving sustainable and green energy goals.

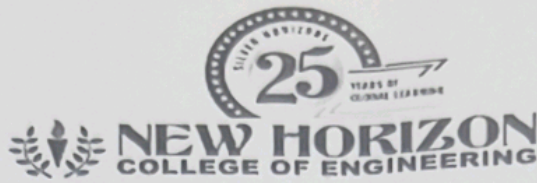
Conclusion :

Young researchers were motivated to pursue innovative projects in the renewable energy domain. The seminar successfully identified key areas for research and development in sustainable energy systems. The seminar concluded as a significant academic initiative promoting research excellence in renewable energy.


12/1/2026
Member Secretary

ENVIRONMENTAL & ENERGY COMMITTEE


Principal
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathalli
Bangalore - 560103



Environmental & Energy Committee Meeting

Date: 15.07.2025

Dear Member,

This is to inform you that the **Environmental & Energy Committee Meeting** is scheduled on 22-07-2025 at 02.00 pm in the Conference Room.

All the Committee members are requested to attend the meeting without fail.

Agenda:

1. Welcome Address by Member Secretary
2. Address by the Principal – Chairman
3. Discussion on:
 - o Power Electronic Interfaces for Renewable Energy
 - o Smart Embedded Systems and Next-Gen Batteries for E-Mobility & Defense
 - o Online Essay Writing Competition on *Technology-Enhanced Environmental Awareness*
 - o FDP on *Research Potential in Advanced Power Electronics & Renewable Energy*
 - o Seminar on *AI & ML-Driven Power Electronics*
 - o TEDx Talk on *Energy Transition*
4. Any other points with the permission of the Chair
5. Vote of Thanks by Member Secretary

Sl.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Mr. Vinod Kumar S Electrical and Electronics Engineering	Member	
4	Ms.Sangeetha CN Electrical and Electronics Engineering	Member	
5	Ms.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	
6	Dr.Sujitha .S Professor & HoD Electrical and Electronics Engineering	Member Secretary	 15/7/2025

15/7/2025
Member Secretary

PRINCIPAL
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathalli
Bangalore - 560103

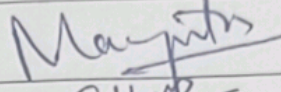
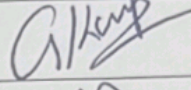
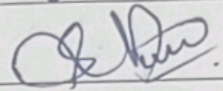
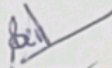
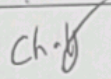
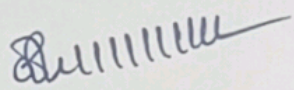
Environmental & Energy Committee

MINUTES OF MEETING

Date and Time: 22.07.2025 at 02.00 pm

Venue: Conference Room

Attendees:

S.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Mr. Vinod Kumar S Electrical and Electronics Engineering	Member	
4	Ms.Sangeetha CN Electrical and Electronics Engineering	Member	
5	Ms.Kavitha Chenna Reddy Electrical and Electronics Engineering	Member	
6	Dr.Sujitha .S Professor & HoD Electrical and Electronics Engineering	Member Secretary	

Proceedings

The Member Secretary welcomed all attendees and invited the Principal to address the gathering. The Principal commended the initiatives undertaken for Environmental & Energy Awareness, emphasizing the importance of renewable energy with power electronics and next-Generation battery technologies.

Agenda Discussions

The following points were discussed by the committee

1. Enhanced understanding of power electronic interfaces for renewable energy

Discussion on integration of solar, wind, and hybrid systems with efficient power electronic converters.

Emphasis on grid synchronization and intelligent control for sustainable energy solutions.

2. Smart Embedded Systems and Next-Gen Batteries for the Future of E-Mobility and Defense Technologies

Exploration of AI-driven embedded systems for energy-efficient mobility.

Importance of next-generation batteries for reliability and resilience in critical applications.

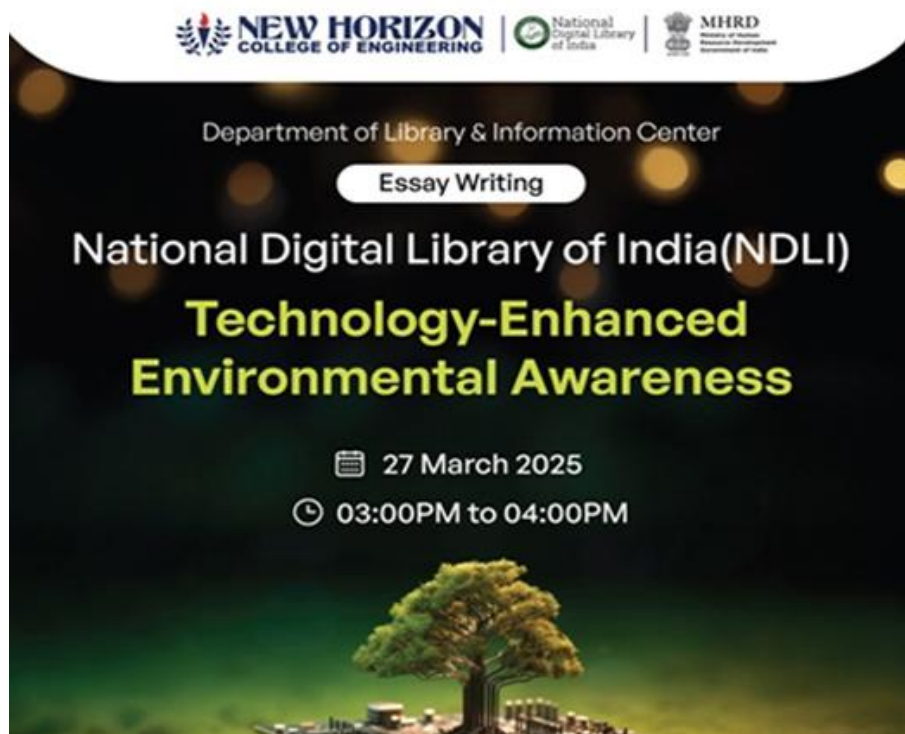
1. Online Essay Writing on Technology Enhanced Environmental Awareness

Organized on **March 27, 2025**, by **New Horizon College of Engineering** and **NDLI Club** in collaboration with the **National Digital Library of India (NDLI)**.

Student participation highlighted enthusiasm for environmental sustainability.

Themes included renewable energy innovations, AI-driven environmental monitoring, sustainable urban planning, and smart waste management.

Event fostered critical thinking, creativity, and advocacy for technology-driven environmental conservation.



2. FDP-Research Potential in Advanced Power Electronics & Renewable Energy:

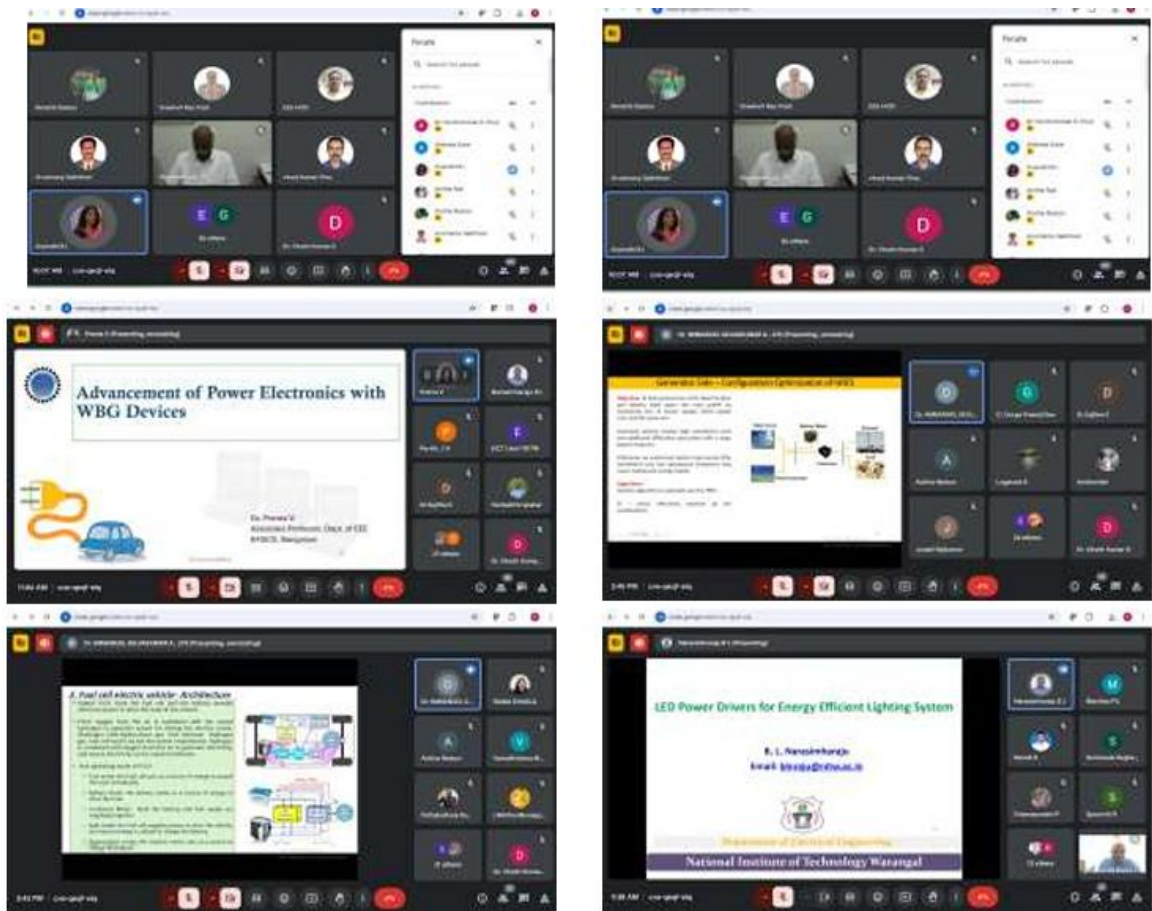
Jointly organized by **NIT Warangal**, **NHCE**, and **IEEE Power Electronics Society Bangalore**, held virtually from **January 13–24, 2025**.

Attended by faculty, researchers, and academicians.

25 eminent experts from NIT, VIT, BITS Pilani, and industry contributed.

Key Topics:

- **Efficient Conversion & Control** – precision in voltage, current, and frequency regulation.
- **Solar PV & Wind Systems** – MPPT, fault detection, and grid synchronization.



3. Seminar on AI & ML-Driven Power Electronics: Smart Embedded Systems and Next-Gen Batteries for the Future of E-Mobility and Defense Technologies :

Conducted on **July 16–17, 2025**.

Chief Guest emphasized research-driven innovation in e-mobility and defense technologies.

Key Highlights:

- **AI-Enhanced Battery Management Systems (BMS):** adaptive charging, SoC/SoH monitoring, predictive degradation control.
- **AI in Smart Embedded Systems:** edge AI for dynamic power control, real-time monitoring in EVs, smart grid integration.



6. TEDx Talk :

Conducted on **April 10, 2025**, organized by the **Department of EEE**.

Speaker: **Mr. Gerard Reid**, expert in energy transition.

Topic: "*Welcome to the Era of Energy Disruption.*"

Focused on transformative role of solar power, advanced batteries, and energy intelligence in shaping the global energy landscape.

7. Any Other Points Discussed

Proposal to initiate a **Green Energy Awareness Drive on Campus** (energy audits, energy-saving campaigns, and awareness posters etc).

Proposal to initiate a **Green Campus Vehicle in campus**

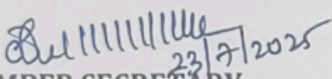
Suggestion to conduct **workshops/talks/Events** for students on **Energy Efficiency in Daily Life**.

Plan to strengthen collaboration with **Green Energy Club (EEE Dept.)** for eco-friendly campus activities.

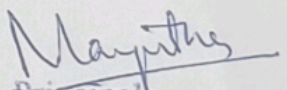
Swachh Bharat Abhiyan (SBA) Event: Organized on **September 30, 2025**, to promote cleanliness and environmental awareness among students and staff at Jakkur lake.

Conclusion

The Member Secretary thanked the Principal and all committee members for their valuable insights and active participation. The discussions reinforced NHCE's commitment to academic excellence, research-driven innovation, and sustainable environmental practices.


MEMBER SECRETARY

Environmental & Energy Committee


PRINCIPAL
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathalli
Bangalore - 560103



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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Environmental & Energy Committee Meeting

Date: 06.01.2025

Dear Member,

This is to inform you that, there is a meeting scheduled on 10-01-2025 at 02.00 pm in the Conference Room to discuss about Environmental & 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	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	
7	Dr. Sakthivel.A Professor & HoD Electrical and Electronics Engineering	Member Secretary	

Member Secretary



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Environmental & Energy Committee- MINUTES OF MEETING

Date and Time: 10.01.2025 at 02.00 pm

Venue: Conference Room

Attendees:

S.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	
7	Dr. Sakthivel.A Professor & HoD Electrical and Electronics Engineering	Member Secretary	

Minutes:

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 Events and measures planned and organized for Environmental & Energy and concise about the efforts to ease inefficient energy consumption by using efficient energy services.

The following points were discussed by the committee

From November 14th to 22nd, 2024, an insightful series of events was organized, focusing on various aspects of electrical engineering, 3D design, and renewable energy. The objective was to introduce principles of microchip design and large-scale electrical systems, emphasizing the importance of protective devices in circuit design. Participants gained foundational knowledge of advanced electronics and electrical systems used in the industry. Attendees were capable of creating realistic and functional 3D models and gained hands-on experience in converting 3D models into tangible objects, learning the operational principles of 3D printers and the advantages of rapid prototyping.

Field Visit to Jakkur Lake: A Step Towards Sustainability

The Green Energy Club, in collaboration with the Institution's Innovation Council (IIC), organized a transformative field visit to Jakkur Lake on 27th November 2024. The visit aimed to immerse students in real-world challenges while promoting innovative problem-solving aligned with the United Nations Sustainable Development Goals (UN SDGs).

Participants, including students and faculty, engaged in hands-on activities and observations at Jakkur Lake, a vital ecological hub. The agenda included studying lake ecosystems, identifying pressing environmental issues, and brainstorming technological interventions to address them. Discussions focused on critical topics such as water quality, biodiversity, and renewable energy integration.

Key Takeaways

- **Real-World Problem Identification:** Students identified challenges such as pollution, inefficient waste management, and the lack of renewable energy infrastructure.
- **Technological Applications:** Explored possibilities for implementing IoT-based water quality sensors, solar-powered tools, and waste-to-energy systems.
- **Collaboration for SDGs:** Highlighted the power of interdisciplinary teamwork in crafting sustainable solutions.

On 15th November 2024– in line with Energy conservation measures, the Workshop on Industrial Power Quality Audit and Its Benefits were organized and guest speaker by Mr. N Prassanna from Pranav Clean Energy Engineers and BEE certified Energy manager, around 100 student and faculty were benefited



Member Secretary thanked the Principal and all Committee members.


Member Secretary

ENVIRONMENTAL & ENERGY COMMITTEE



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Environmental & Energy Committee Meeting

Date: 31.06.2024

Dear Member,

This is to inform you that, there is a meeting scheduled on 08-07-2024 at 10.00 am in the Conference Room to discuss about Environment and Energy committee 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	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	
7	Dr. Sakthivel.A Professor &HoD Electrical and Electronics Engineering	Member Secretary	

Member Secretary



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Environmental & Energy Committee- MINUTES OF MEETING

Date and Time: 08-07-2024 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	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	
7	Dr. Sakthivel.A Professor &HoD 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 Environmental & Energy Committee

The following concerns were discussed by the committee

1. All faculty and students are instructed to **turn off the electrical appliances when not in use** through awareness campaign and posters across departments.
2. In line with energy conservation students are motivated to do **projects**.

3. Green Energy Club - Co-Curricular Club Presents " A Technical Workshop IDEA TO IMPACT on 14 May 2024
4. Green Energy club had organized a technical workshop themed IDEA TO IMPACT INSIGHTS ON BUILDING A SUSTAINABLE STARTUP on 14.05.2024. **Meenakshi B, Co-founder & Marketing Lead of EETA**, shared the story of her startup, which focuses on solving the food waste problem and sustainability. The insights shared by her regarding EETA's achievements, such as being selected as one of the top 30 finalists in the Carbon Zero Challenge 2022, inspired the audience with the necessary knowledge and resources to embark on their own sustainable entrepreneurship journey.



5. The Green Warriors organized an event called Earthathon- Fun Environmental Quiz Event which attracted nearly 40 participants. The event was hosted at the VC room, NHCE. The event focused on scientific topics related to the environment, current temperature spikes in Bengaluru, scientific terms of various structures in the earth and also most of it related to recycling and reducing. It consisted of three parts. Firstly, there was a quiz with questions about things like climate and the layers of the Earth. Participants found it both educational and enjoyable. Then, there was a Pictionary game where participants guessed words from drawings related to science. Earthathon provided a great opportunity for participants to learn more about science and how to protect our planet.



Member Secretary thanked the Principal and all Committee members.


Member Secretary

ENVIRONMENTAL & ENERGY COMMITTEE



NEW HORIZON COLLEGE OF ENGINEERING

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Environmental & Energy Committee Meeting

Date: 02.01.2024

Dear Member,

This is to inform you that, there is a meeting scheduled on 08-01-2024 at 03.00 pm in the Conference Room to discuss about Environment and Energy committee 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	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	
7	Dr. Sakthivel.A Professor & HoD Electrical and Electronics Engineering	Member Secretary	

Member Secretary



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Environmental & Energy Committee- MINUTES OF MEETING

Date and Time: 08.01.2024 at 03.00 pm

Venue: Conference Room

Attendees:

S.No	Committee Members with Designation		Signature
1	Dr.Manjunatha Principal	Chairman	
2	Mr.Karthik Estate Manager	Member	
3	Dr.Sujitha .S Electrical and Electronics Engineering	Member	
4	Prof. Vinod Kumar S Electrical and Electronics Engineering	Member	
5	Mrs.Sangeetha CN Electrical and Electronics Engineering	Member	
6	Mrs.KavithaChenna Reddy Electrical and Electronics Engineering	Member	
7	Dr. Sakthivel.A Professor &HoD 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 Environmental & Energy Committee

The following concerns were discussed by the committee

1. All faculty and students are instructed to **turn off the electrical appliances when not in use** through awareness campaign and posters across departments.
2. In line with energy conservation students are motivated to do **projects**.

3. The New Horizon College of Engineering had organized a social and technical outreach program titled "Unlocking Potential: Unleash Your Inner Developer, Unlock Future," in collaboration with the Green Energy Club and the FOSS Club at Government Higher Primary School in Ibbalur on 09/07/2023.
4. The initiative aimed to educate young students about green energy, renewable resources, energy conservation, and computer-related topics. The program focused on nurturing the next generation of leaders by promoting both social and technical skills. By integrating green energy principles and free open-source software (FOSS), the event highlighted the importance of sustainable practices and technological innovation. By combining the expertise of the Green Energy Club and the FOSS Club, the outreach program represented a unique and powerful collaborative effort. The Green Energy Club, with its focus on sustainable practices and renewable energy solutions, brought valuable insights into environmental conservation and the importance of green technologies.
5. On 14th December, 2023 the Green Energy Club of New Horizon College of engineering organized a technical seminar for the students on the topic "Role of Renewable energy in Sustainable Development" at Falconry seminar hall at 10am. Dr. Boddapati Venkatesh, Assistant Professor, BMS College of Engineering was invited as the guest to present and share his knowledge about the topic. The event was a great success with over.

Member Secretary thanked the Principal and all Committee members.



Member Secretary

ENVIRONMENTAL & ENERGY COMMITTEE



NEW HORIZON COLLEGE OF ENGINEERING

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ENVIRONMENTAL & ENERGY COMMITTEE MEETING

Date: 29.06.2023

Dear Member,

This is to inform you that, there is a meeting scheduled on 03-07-2023 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.KavithaChenna 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 CN Electrical and Electronics Engineering	Member	
7	Dr.Sujitha .S HoD-Incharge Electrical and Electronics Engineering	Member Secretary	








Member Secretary

ENVIRONMENTAL & ENERGY COMMITTEE - MINUTES OF MEETING

Date and Time: 03.07.2023 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 CN 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. Also principal approves the change of committee from "Energy conservation Audit committee" to "Environmental & Energy Committee".

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

The following concerns were discussed by the committee

1. All faculty and students are instructed to **turn off the electrical appliances when not in use** through awareness campaign and posters across departments.
2. Replacing of the fluorescent tube light with 12w LED tube lights
3. Replacing of the conventional ceiling fan with BLDC fan (20W) in process

4. In line with energy conservation students are motivated to do **projects**.
5. **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.
6. On May 24th 2023, the Green Warriors club successfully conducted the GROW GREEN Cleanliness Drive and Plantation Campaign. The event took place in the vicinity of Jakkur Lake, in collaboration with 'Jalaposhan', an organisation working for the maintenance and welfare of the lake. 53 enthusiastic volunteers from NHCE including the members of Green Warriors actively participated in the cleanliness drive and plantation activities.



cleanliness campaign @ Jakkur lake

7. On 20th March 2023, the **Green Warriors Club** conducted yet another exciting workshop called **ROOTS AND SHOOTS** for the students of NHCE. The event aimed to educate students about basic potting skill and how to implement it with recyclable materials easily found at their home. The participants were given all the materials required and step by step instructions to carry out the planting activity. Students created their very own hanging pots made out of recycled water bottles and filled them with saplings of their choice.

Member Secretary thanked the Principal and all Committee members.


Member Secretary

ENVIRONMENTAL & ENERGY COMMITTEE



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



NEW HORIZON COLLEGE OF ENGINEERING

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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 3rd 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.

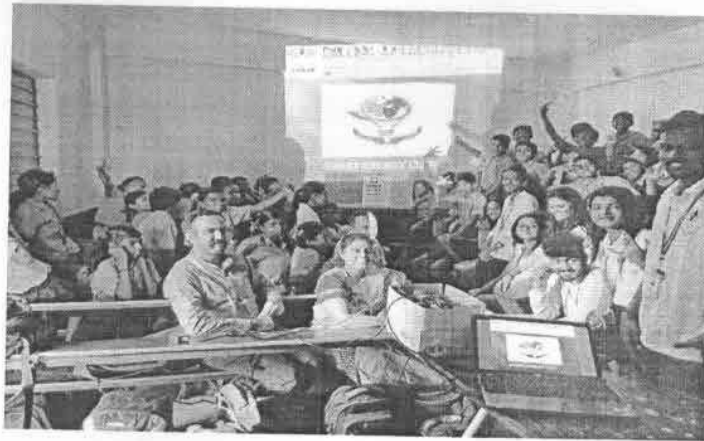
- a. **"WAR OF WORDS" – DEBATE COMPETITION on ENERGY CONSERVATION conducted in campus.** The main potential is to bring out the enthusiasm and ability of the students towards communication and create awareness, also to acquire knowledge on various topics. The participants were divided into groups of 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



NEW HORIZON COLLEGE OF ENGINEERING

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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



**NEW HORIZON
COLLEGE OF ENGINEERING**
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Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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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

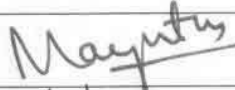


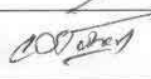
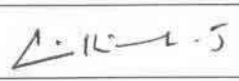

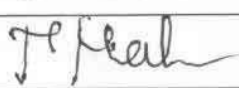
New Horizon College of Engineering Bangalore

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

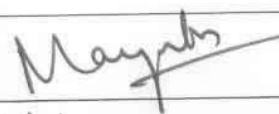


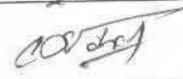
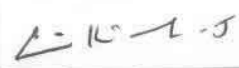

NEW HORIZON COLLEGE OF ENGINEERING

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

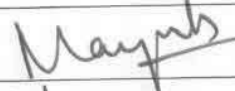


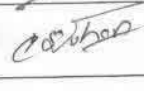
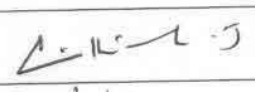
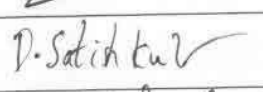
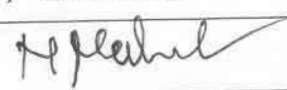
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New Horizon College of Engineering Bangalore
Department of Electrical and Electronics Engineering

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

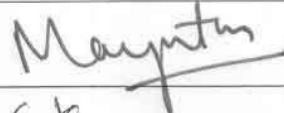


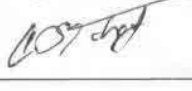
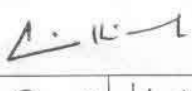
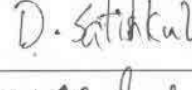
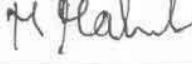
NEW HORIZON COLLEGE OF ENGINEERING

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

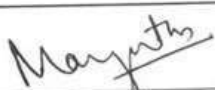


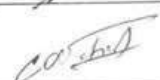
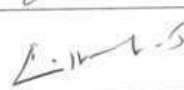
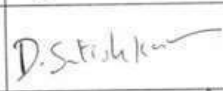
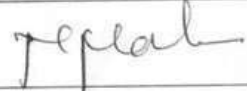
NEW HORIZON COLLEGE OF ENGINEERING

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	

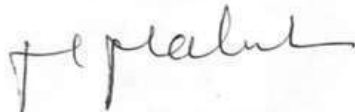
NEW HORIZON COLLEGE OF ENGINEERING

Energy Conservation

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

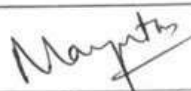


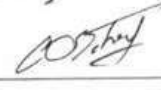
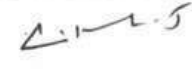
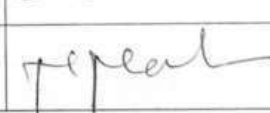
NEW HORIZON COLLEGE OF ENGINEERING

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

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

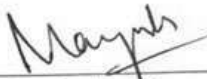



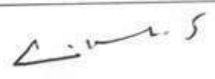
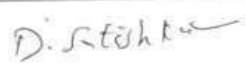

NEW HORIZON COLLEGE OF ENGINEERING

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

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

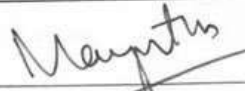


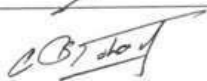

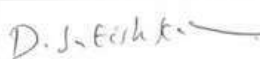

NEW HORIZON COLLEGE OF ENGINEERING

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

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

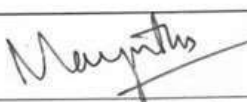
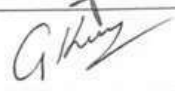


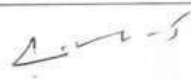
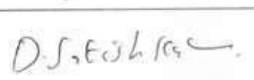

NEW HORIZON COLLEGE OF ENGINEERING

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

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

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 Co2 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

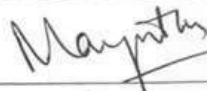
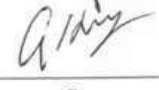


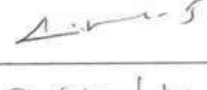
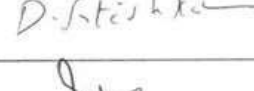

NEW HORIZON COLLEGE OF ENGINEERING

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

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

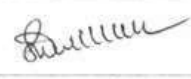
NEW HORIZON COLLEGE OF ENGINEERING

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

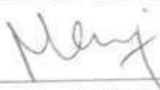
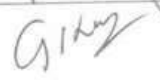

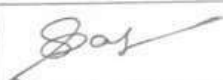

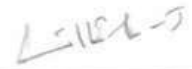


NEW HORIZON COLLEGE OF ENGINEERING

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



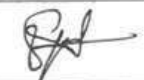
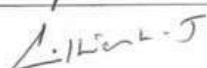
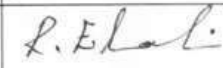
NEW HORIZON COLLEGE OF ENGINEERING

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

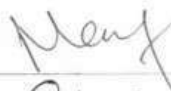
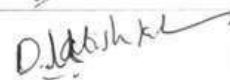

NEW HORIZON COLLEGE OF ENGINEERING

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






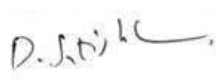

NEW HORIZON COLLEGE OF ENGINEERING

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

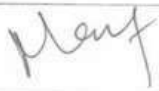
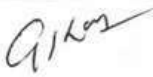



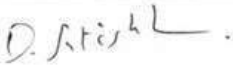

NEW HORIZON COLLEGE OF ENGINEERING

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