



NEW HORIZON
COLLEGE OF ENGINEERING

CO-CURRICULAR CLUBS

ELECTRICAL AND ELECTRONICS DEPARTMENT

GREEN ENERGY CLUB



THE ROLE OF RENEWABLE ENERGY IN SUSTAINABLE
DEVELOPMENT

VENUE: Falconry Seminar Hall, 1st Floor ,CSE Department ,Netaji Subhash Chandra Bose Block, NHCE

DATE: 14th December, 2023

TIME: 10 AM-1.00 PM

FACULTY COORDINATOR: Vinod Kumar S
Assistant Professor
Electrical and Electronics Engineering

STUDENT COORDINATORS: Srinivas – 1NH21EE112 – 5B
(President)
K Jagan – 1NH22EE055 – 3B
(Board Member)

TOTAL NUMBER OF INTERNAL PARTICIPANTS : 150+

TOTAL NUMBER OF EXTERNAL PARTICIPANTS : 0

EVENT POSTER WEBLINK IN NHCE WEBSITE/INSTAGRAM / LINKEDIN OR ANY OTHER SOCIAL MEDIA SITES:

<https://www.instagram.com/p/C0xskz9Slkk/?igshid=ZTcxMWMzOWQ1OA==>

TARGETED AUDIENCE:

Students from EEE, CSE, ISE, PG students and Faculty members

DESCRIPTION OF THE EVENT :

OBJECTIVES :

The topic for the seminar is ‘THE ROLE OF RENEWABLE ENERGY IN SUSTAINABLE DEVELOPMENT’ and its

main objective is to know the importance of renewable energy sources which play a very crucial role in saving our environment from pollution or the harmful effects of using conventional energy in a very superfluous manner without thinking about the future generations, furthermore considering health it is more important to think on new ideas or new technologies to use renewable energy more efficiently.

Here as the seminar is about sustainable development the objective is mainly concerned with the sustainable goals which are proposed by the United Nations among 17 main goals the one we are interested in is the 7th which deals with affordable and clean energy.

ACTIVITIES :

The event was a seminar the guest had put on the video which showed us how the air pollution caused by the use of conventional energy affected the people and even the children in the highly populated parts of our country. Also, the guest involved everyone in the session by asking some questions which were related to renewable energy and also about sustainability.

INAGURATION :

The seminar was inaugurated in the Falconry seminar hall in the presence of the honorable Hod. Dr. Sakthivel Aruchamy of the electrical and electronic department Dr. Piruthiviraj P who is in charge of the co-curricular club activity, our Green Energy Club faculty coordinator Professor Vinod Kumar, and the guest of the day Dr. Boddapathi Venkatesh who is the assistant professor in BMS College Of Engineering. All the club coordinators and club members including our audience.

The event was inaugurated by the invocation song by Preety Gupta and Shatakshi Pattanaik, the lighting of the lamp at this moment signifies the dispelling of the darkness.

SEMINAR TOPIC – SUSTAINABLE DEVELOPMENT GOALS

Seminar Report on the 17 Sustainable Development Goals(SDGs)

Introduction:

The Sustainable Development Goals (SDGs) are a set of 17 global goals established by the United Nations in 2015 as part of the 2030 Agenda for Sustainable Development. These goals address a range of interconnected challenges facing our world, including poverty, inequality, climate change, environmental degradation, peace, and justice. The SDGs aim to create a more sustainable and equitable future for all.

Objective of the Seminar:

The primary objective of this seminar is to provide an overview of the 17 Sustainable Development Goals, their significance, and the collective efforts needed to achieve them by 2030.

Overview of the 17 SDGs:

- No Poverty (Goal 1): End poverty in all its forms everywhere.
- Zero Hunger (Goal 2): End hunger, achieve food security and improved nutrition, and promote sustainable agriculture.
- Good Health and Well-being (Goal 3): Ensure healthy lives and promote well-being for all at all ages.
- Quality Education (Goal 4): Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
- Gender Equality (Goal 5): Achieve gender equality and empower all women and girls.
- Clean Water and Sanitation (Goal 6): Ensure availability and sustainable management of water and sanitation for all.
- Affordable and Clean Energy (Goal 7): Ensure access to affordable, reliable, sustainable, and modern energy for all.
- Decent Work and Economic Growth (Goal 8): Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all.
- Industry, Innovation, and Infrastructure (Goal 9): Build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation.
- Reduced Inequality (Goal 10): Reduce inequality within and among countries.
- Sustainable Cities and Communities (Goal 11): Make cities and human settlements inclusive, safe, resilient, and sustainable.
- Responsible Consumption and Production (Goal 12): Ensure sustainable consumption and production patterns.
- Climate Action (Goal 13): Take urgent action to combat climate change and its impacts.
- Life Below Water (Goal 14): Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.
- Life on Land (Goal 15): Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

loss.

Peace, Justice, and Strong Institutions (Goal 16): Promote peaceful and inclusive societies for sustainable development, provide access to justice for all, and build effective, accountable, and inclusive institutions at all levels.

Partnerships for the Goals (Goal 17): Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.

CONCLUSION :

The 17 Sustainable Development Goals provide a comprehensive framework for addressing the world's most pressing challenges. Achieving these goals requires collaborative efforts from governments, businesses, civil society, and individuals. Through this seminar, we aim to increase awareness and inspire action towards building a more sustainable, inclusive, and equitable future for generations to come.

THE MOST INTERESTING SESSION WAS THE DOUBT CLEARING INTERACTIVE TALK THAT WE HAD DURING AND AFTER THE PRESENTATION, IT WAS VERY HELPFUL, RESOURCEFUL AND USEFUL FOR US. WE UNDERSTOOD THE IMPORTANCE OF SUSTAINABILITY AND THE KEY ROLE THAT IT PLAYS IN OUR LIVES. WE THANK DR. VENKATESH FOR TAKING HIS TIME AND ENLIGHTENING OUR MINDS WITH HIS WORDS OF WISDOM.

NEW HORIZON
COLLEGE OF ENGINEERING

GREEN ENERGY CLUB PRESENTS

TECHNICAL SEMINAR

“Role of Renewable energy in Sustainable Development”

14TH DECEMBER 2023

🕒 10:00 am
📍 Falconry Seminar Hall

Dr. Boddapati Venkatesh
Assistant Professor
BMS College of Engineering

STUDENT CO-ORDINATORS
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REPORT BY :

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