
GREEN ENERGY CLUB & INSTITUTION'S INNOVATION COUNCIL



Venue: Jakkur Lake
Date: 27 November 2024
Time: 7:00 AM-3:00 PM

Organized by: New Horizon College of Engineering

Collaborators: Institution Innovation Council, Electrical & Electronics Engineering Department, and Green Energy Club

Faculty Co-ordinators:

Dr. Sakthivel Aruchamy HoD – EEE

Mr. Vinod Kumar S, GEC Co-coordinator

Dr. A Sujin Jose, IIC President

Dr. R Mohan Das, IIC Coordinator

Total Number of Internal Participants: 50

Targeted Audience: Students from all Departments

Description of the Event:

Objective:

The primary goal of this field visit was to provide students with exposure to real-world challenges and facilitate problem identification in alignment with the **United Nations Sustainable Development Goals (UN SDGs)**. The event also emphasized exploring emerging areas of technology to develop innovative solutions for environmental and societal issues.

Event Overview:

The field visit brought together students and faculty to engage in hands-on activities and observations at Jakkur Lake, a significant ecological site. Participants explored areas of technological application in sustainability, environmental conservation, and community-focused problem-solving.

The event commenced at 7:00 AM and included activities like observing lake ecosystems, identifying environmental challenges, and discussing possible technological interventions. Participants highlighted the importance of addressing issues such as water quality, biodiversity conservation, and renewable energy integration.

Key Takeaways:

1. **Real-World Problem Identification:**

Students identified pressing issues such as pollution, inadequate waste management, and the need for renewable energy solutions in local communities.

2. **Technological Applications:**

The visit highlighted potential areas for implementing technologies like IoT sensors for water quality monitoring, solar-powered equipment, and systems for waste-to-energy conversion.

3. **Collaboration for SDGs:**

The event showcased how interdisciplinary collaboration can address sustainability challenges effectively.

Impact:

The field visit provided students with a platform to observe and analyze real-world problems, fostering critical thinking and innovation. It also reinforced the college's commitment to sustainability and encouraged participants to contribute meaningfully to global goals.

Conclusion:

The field visit to Jakkur Lake was a significant step in bridging the gap between classroom learning and practical application. By aligning with the **UN SDGs**, the event underscored the importance of innovation and technology in addressing societal challenges. The insights gained will inspire future projects and initiatives aimed at creating sustainable solutions.

PICTURES

