

Report on Quiz Competition on Renewable Energy

The **Quiz Competition on Renewable Energy** was successfully conducted under the auspices of the **Electrical Engineering Department, Faculty of Engineering & Technology, Gurukula Kangri (Deemed to be University), Haridwar**. The event aimed to test and enhance students' knowledge of renewable energy technologies while fostering a competitive spirit among young engineers.

Event Details:

- **Date:** Saturday, March 22, 2025
- **Time:** 03:00 PM
- **Venue:** Online registration via [Event Link](#) by NDLI.
- **Organizers:** Electrical Engineering Department, Faculty of Engineering & Technology
- **Coordinators:**
 - **Mr. Lokesh Bhardwaj**
 - **Mr. Aviral Awasthi**

Objective of the Event: The primary objective of the quiz was to create awareness about **renewable energy sources, sustainability, and technological advancements** in the field of green energy. The event aimed to engage students in an interactive and educational experience, helping them explore innovative solutions for a sustainable future.

Participants and Eligibility: The event saw participation from students pursuing **Diploma and B.Tech** programs across multiple engineering disciplines, including:

- Electrical Engineering
- Computer Science Engineering
- Mechanical Engineering
- Electronics and Communication Engineering

A total of **93** students registered for the event, displaying keen enthusiasm and competitive spirit.

Quiz Format and Structure: The quiz competition was conducted in one round testing different aspects of renewable energy knowledge:

- Consisted of multiple-choice questions (MCQs) covering **basic renewable energy concepts, policies, and innovations**.
- Focused on advanced topics such as **solar energy, wind energy, hydro power, biomass, and sustainable energy storage**.
- Participants were evaluated on **real-world problem-solving and application-based scenarios**.
- Included questions on the **latest trends in renewable energy, energy policies, and global initiatives**.

Event Highlights:

- **Enthusiastic participation** from students across multiple engineering disciplines.
- **Interactive and competitive atmosphere** ensuring engagement and learning.
- **Expert-curated questions** covering the latest advancements in green technology.
- **Recognition and awards** for top performers to appreciate their knowledge and efforts.

Feedback and Testimonials: Participants expressed great enthusiasm and appreciation for the event, stating that it provided a **valuable learning experience** and motivated them to explore **renewable energy technologies** further. Many students suggested organizing similar competitions regularly to enhance knowledge and skills in green energy solutions.

Conclusion: The **Quiz Competition on Renewable Energy** was a resounding success, fulfilling its objective of spreading awareness and enthusiasm about sustainable energy. The event not only encouraged students to expand their knowledge but also inspired them to contribute to the **renewable energy sector** in their future careers.

Future Recommendations:

- Organizing **advanced-level quizzes and workshops** on renewable energy.
- Encouraging interdisciplinary participation for a **holistic learning experience**.
- Collaborating with **industry experts and research institutions** for more interactive sessions.
- Promoting hands-on learning through **projects and case studies on renewable energy applications**.

The **Electrical Engineering Department** extends heartfelt gratitude to all participants, coordinators, and organizers for their unwavering support in making this event a remarkable success. We look forward to hosting more such engaging and educational events in the future!