

Workshop Report on

Ethics in Engineering Research - Navigating the Landscape of Integrity

Conducted by: Saffrony Institute of Technology

Expert Facilitator: Dr. Shailesh Patel

Date: August 22, 2022

Participants: 110 Students

Overview:

The workshop on "Ethics in Engineering Research: Navigating the Landscape of Integrity" held on August 22, 2022, at Saffrony Institute of Technology, aimed to enlighten and guide 110 participating students on the ethical dimensions of engineering research. Dr. Shailesh Patel, an esteemed expert in the field, led the session, providing insights into ethical considerations and best practices in engineering research.

Workshop Highlights:

🌟 Introduction to Research Ethics:

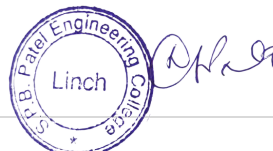
Dr. Shailesh Patel initiated the workshop by elucidating the fundamental principles and significance of ethics in engineering research. Emphasizing its pivotal role in maintaining the integrity of scholarly work, participants gained a foundational understanding of the ethical framework within research.

🌟 Case Studies and Real-world Examples:

The workshop provided a practical dimension to ethical principles through immersive case studies and real-world examples. This approach facilitated a deeper comprehension of ethical dilemmas and their resolutions, offering students tangible insights applicable to their own research journeys.

🌟 Interactive Discussions:

To foster active engagement, the workshop incorporated interactive discussions. This platform allowed the 110 participating students to share diverse perspectives and insights on prevalent ethical challenges encountered in the realm of engineering research.



✚ Responsible Conduct in Research:

✚ A central theme of the workshop was the deliberation on responsible conduct in research. Dr. Patel delved into critical aspects such as proper data handling, authorship, and collaboration, instilling an understanding of the need for ethical behavior throughout the entire research process.

✚ Ethics in Emerging Technologies:

Acknowledging the fast-paced evolution of engineering, the workshop explored ethical considerations in emerging technologies. This segment ensured that students were well-prepared to discern and address the ethical implications embedded in the cutting-edge landscape of engineering research.

Student Outcomes:

1. Enhanced Ethical Awareness:

- Increased understanding of the ethical dimensions in engineering research, with a heightened awareness of the importance of integrity.

2. Application of Ethical Principles:

- Improved ability to apply ethical principles in practical scenarios, as demonstrated through case studies and discussions.

3. Critical Thinking Skills:

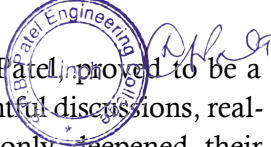
- Developed critical thinking skills to navigate and analyze ethical challenges encountered during the research process.

4. Collaborative Ethics:

- Fostering an appreciation for collaborative ethical behavior, emphasizing the significance of maintaining integrity in team-based research projects.

Conclusion:

The "Ethics in Engineering Research" workshop, guided by Dr. Shailesh Patel, proved to be a pivotal learning experience for the 110 participating students. Through insightful discussions, real-world examples, and a focus on emerging technologies, students not only deepened their understanding of ethical considerations but also acquired practical skills to navigate the ethical



Dr. Shailesh Patel

landscape of engineering research. The workshop's success in enhancing ethical awareness and promoting responsible conduct positions Saffrony Institute of Technology as a catalyst for cultivating integrity in engineering research.

Photographs:

