



PTVA'S Institute of Management

(Approved by AICTE, DTE and affiliated to University of Mumbai)

Chitrakar Ketkar Marg, Behind M. L. Dahanukar College of Commerce, Vile Parle (East), Mumbai –400 057.

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ISO 9001:2015 Certified Institute & Accredited by NAAC

One Day National Level FDP on "Green Audit and Energy Audit in HEIs"

Organized by IOT Academy

Introduction

The one-day National Level Faculty Development Program (FDP) on "Green Audit and Energy Audit in Higher Education Institutions (HEIs)" aimed to provide educators and administrators with insights and practical knowledge on conducting green and energy audits. The program focused on promoting sustainability and energy efficiency in higher education institutions.

Session 1: Introduction to Green Audit and Energy Audit

Sessions

- **Inauguration and Keynote Address:** Highlighted the importance of green and energy audits in HEIs for promoting sustainability and energy efficiency.
- **Workshop Overview:** Detailed the structure, objectives, and expectations of the FDP.
- **Understanding Green Audit:** Discussed the principles of green audit and its significance in the context of HEIs.

Activities

- Ice-breaking activities to build rapport among participants.
- Group discussions on the relevance of green audits in educational institutions.

Key Takeaways

- Recognized the necessity of conducting green audits to ensure sustainable campus operations.
- Gained an initial understanding of core principles of green audits.

Session 2: Energy Audit Fundamentals

Sessions

- **Introduction to Energy Audit:** Explored the role of energy audits in reducing energy consumption and improving efficiency in HEIs.
- **Energy Audit Process:** Detailed the steps involved in conducting a comprehensive energy audit.



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Activities

- Case study analysis and group presentations on successful energy audits in HEIs.
- Practical exercises for identifying energy-saving opportunities on campus.

Key Takeaways

- Understood the fundamental concepts and benefits of energy audits.
- Learned practical approaches to conducting energy audits in HEIs.

Session 3: Implementing Green and Energy Audits

Sessions

- **Integrating Audits into Institutional Framework:** Strategies for incorporating green and energy audits into the regular operations of HEIs.
- **Tools and Techniques for Audits:** Overview of the tools and methodologies used for conducting green and energy audits.

Activities

- Designed sample audit plans for HEIs, integrating both green and energy audit elements.
- Peer reviews and feedback on audit plans.

Key Takeaways

- Practical methods for integrating green and energy audits into institutional frameworks.
- Familiarized with various tools and techniques for effective auditing.

Session 4: Creating a Sustainable Campus Culture

Sessions

- **Building a Sustainable Campus Culture:** Strategies for fostering a culture of sustainability in HEIs.
- **Engaging Stakeholders in Sustainability Efforts:** Involvement of students, faculty, and staff in sustainability initiatives.

Activities

- Brainstorming on creating a sustainable campus culture.
- Planning community engagement projects related to green and energy audits.



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Key Takeaways

- Recognized the importance of a supportive environment for sustainability initiatives.
- Developed engagement strategies for various stakeholders to promote sustainability.

Session 5: Assessment and Reflection

Sessions

- **Assessment of Audit Outcomes:** Tools and methods for assessing the impact of green and energy audits.
- **Reflection and Feedback:** Participants shared their learning experiences and feedback on the FDP.

Activities

- Designed assessment tools for evaluating the effectiveness of green and energy audits.
- Reflection sessions and feedback collection to improve future programs.


Key Takeaways

- Learned effective assessment techniques for green and energy audits.
- Gained insights and feedback for improving future FDPs.

Conclusion

The FDP successfully introduced the concepts of green and energy audits and provided practical strategies for integrating these audits into the operations of HEIs. Participants left with a deeper understanding of sustainability practices and a commitment to fostering energy efficiency and sustainability in their institutions.




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