**Group – 10**

***Topics and Sub-Topic (Choose two OR three topics)***

**Slide 1: Title Slide (Srushti)**

* Title: Waste Audits and Pollution Prevention Opportunities
* Subtitle: A Comprehensive Overview of Various Industries
* Your Name
* Date

**Slide 2: Introduction (Srushti)**

* Definition of Waste Audits
* Importance of Pollution Prevention
* Overview of Industries Covered

**Slide 3: Waste Audits in the Textile Industry (Srushti)**

* Overview of Textile Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Data Collection Methods
  + Analysis of Waste Composition
* Pollution Prevention Opportunities
  + Water Conservation Techniques
  + Chemical Substitution
  + Recycling and Reuse Practices

**Slide 4: Waste Audits in the Sugar Industry (Srushti)**

* Overview of Sugar Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Monitoring Water Usage
  + Effluent Generation Analysis
* Pollution Prevention Opportunities
  + Water Recycling Techniques
  + Waste Minimization Strategies
  + Energy Recovery from By-products

**Slide 5: Waste Audits in the Pulp & Paper Industry (Rahul)**

* Overview of Pulp & Paper Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Wastewater Treatment Analysis
  + Solid Waste Management
* Pollution Prevention Opportunities
  + Process Optimization
  + Chemical Recovery Techniques
  + Use of Alternative Raw Materials

**Slide 6: Waste Audits in the Electroplating Industry (Rahul)**

* Overview of Electroplating Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Assessment of Chemical Usage
  + Wastewater Analysis
* Pollution Prevention Opportunities
  + Process Modification
  + Recovery and Recycling of Chemicals
  + Use of Non-toxic Alternatives

**Slide 7: Waste Audits in the Tanning Industry (Rakshita)**

* Overview of Tanning Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Monitoring Water and Chemical Usage
  + Solid Waste Management
* Pollution Prevention Opportunities
  + Cleaner Production Techniques
  + Waste Minimization Measures
  + Resource Recovery

**Slide 8: Waste Audits in the Dairy Industry (Rakshita)**

* Overview of Dairy Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Wastewater Management
  + Solid Waste Analysis
* Pollution Prevention Opportunities
  + Wastewater Treatment Innovations
  + By-product Utilization
  + Energy Recovery

**Slide 9: Waste Audits in the Cement Industry (Kavya)**

* Overview of Cement Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Emission Monitoring
  + Waste Management Practices
* Pollution Prevention Opportunities
  + Use of Alternative Fuels
  + Recycling of Materials
  + Process Efficiency Improvements

**Slide 10: Waste Audits in the Chemical Industry (Kavya)**

* Overview of Chemical Industry Waste
  + Types of Waste Generated
  + Environmental Impact
* Waste Audit Procedures
  + Hazardous Waste Management
  + Emission Control
* Pollution Prevention Opportunities
  + Green Chemistry Practices
  + Waste Minimization Techniques
  + Process Optimization

**Slide 11: Transboundary Movement of Hazardous Wastes (Anish)**

* Definition and Importance
* Regulations Governing Transboundary Movement
* Procedures for Compliance
* Case Studies and Examples

**Slide 12: Disposal Procedures for Hazardous Wastes (Anish)**

* Overview of Disposal Methods
  + Landfill Disposal
  + Incineration
  + Recycling and Recovery
* Best Practices for Hazardous Waste Disposal
* Regulatory Compliance and Standards

**Slide 13: Conclusion (Anish)**

* Summary of Key Points
* Importance of Waste Audits and Pollution Prevention
* Call to Action for Industries

**Slide 14: Questions and Discussion (Group)**

* Open the floor for questions
* Encourage discussion on specific topics of interest

**Slide 15: References (Group)**

* List of sources and references used in the presentation