



FOSTERING THE FUTURE OF ENERGY AND ENVIRONMENT IN PULP & PAPER INDUSTRY

The pulp and paper industry plays a significant role in the global economy, but it also has a significant impact on the environment. As the demand for paper products continues to grow, the industry must take significant steps to foster a sustainable future for energy and the environment.

One key area where the pulp and paper industry can make a difference is in energy consumption and source of energy. Many mills still depend on fossil fuels as a primary source of energy, which contributes to greenhouse emissions and climate change. Here are several key strategies and initiatives that can be transitioning to renewable energy sources.

1. Energy Efficiency and Optimization:

- Implement energy-efficient technologies and processes to reduce overall energy consumption in pulp and paper manufacturing.
- Conduct energy audits to identify areas for improvement and invest in upgrades to machinery and equipment.

2. Renewable Energy Sources:

- Invest in renewable energy sources such as biomass, solar, wind, or hydropower to reduce non-renewable resources.

- Explore the use of advanced technologies like cogeneration or combined heat and power systems to maximize energy efficiency.

3. Carbon Neutrality and Emissions Reduction:

- Set ambitious carbon reduction goals and invest in technologies to minimize gas emissions.
- Explore carbon offset programs and initiatives to achieve carbon neutrality.

4. Research and Innovation:

- Allocate resources for research and development to discover and implement innovative technologies that can revolutionize the industry.
- Collaborate with research institutions and industry partners to stay at the forefront of sustainable practices.

To foster the future of energy and environment in the pulp and paper industry, collaboration and innovation are essential. Government industry associations and companies must work together to set goals, establish regulations, and promote sustainable practices. Investing in research and development can also drive innovation, leading to the creation of new technologies and processes that are more sustainable and efficient.

Overall, fostering the future of energy and the environment in the pulp and paper industry requires





a comprehensive and collaborative approach. By transitioning to renewable energy, improving energy efficiency, addressing water usage and pollution, and promoting sustainable sourcing, industry can contribute to a more sustainable and environmentally friendly future.

With so much importance of the paper industry in Energy and Environment, IPPTA has planned a seminar to share knowledge on the topic of “ **Fostering the future of Energy and Environment in Pulp and paper industry**” on **23rd and 24th February at Kolkata.**

that could benefit the industry in terms of adopting new technologies, improving existing operations and investigating the value of specific technology tools.

Several industry experts from mills and suppliers are invited to present their achievements on specific topic that will be of value to the industry. Case studies would be presented by the mills and technology suppliers that can help to resolve Energy efficiency and Environmental issues.

Kindly note the following:

1. We are seeing increasing interest in delegates at our conferences. So please register in advance.
2. Please submit your paper on the following schedule.
 - 2a. Synopsis of paper by – **30th December 2023** to helpdesk@ippta.co with a copy to mkgoyal@ippta.co, membership@ippta.co.
 - 2b. Detailed Paper by **15th January 2024.**
 - 2c. PPT by **5th February, 2024.**

Pl click the link <https://ippta.co/guidelines-for-publication/> and follow the other guidelines.

Cash Award – A cash award of Rs. 5,000/- would be given to each paper that is selected and presented. Best Paper award of Rs 10,000/ awaits your paper. *Acea conector? Quiam sapid*

For further details please wait for the detailed brochure in due course of time.

