



Introduction of the topic:

Enhancing Efficiency Through Electricals, Electronics, Automation & Digital Technology in Pulp and Paper Mills

Enhancing Efficiency in Pulp and Paper Mills Through Electricals, Electronics, Automation and Digital Technology is crucial for optimizing operations, reducing costs, and improving product quality. By leveraging these technologies effectively, pulp and paper mills can achieve significant improvements in efficiency, productivity, and sustainability, ultimately leading to enhanced competitiveness in the industry.


1. Improving Electrical Efficiency in pulp and paper mills in India requires a multifaceted approach that addresses various aspects of energy consumption and management. Here are some strategies specifically tailored to enhance electrical efficiency in this industry:

- a. Energy Audit:** Conduct a comprehensive energy audit to identify areas of high energy consumption and opportunities for improvement.
- b. Energy-Efficient Equipment:** Replace outdated and inefficient electrical equipment, such as motors, pumps, and lighting fixtures, with energy-efficient alternatives. Investing in high-efficiency motors, variable frequency drives (VFDs), and LED lighting can significantly reduce electricity consumption.

Many other such factors for reducing energy consumptions are Power Factor Correction, Renewable Energy Integration installing Energy-Efficient Process Design

2. Process Automation: Implementing automation systems to control various processes such as pulp processing, papermaking, and packaging can enhance efficiency by reducing manual labour, minimizing errors, and ensuring consistent product quality.

- a. Advanced Sensors and Monitoring Systems:** Installing sensors throughout the production process to monitor parameters such as temperature, pressure, humidity, and chemical composition allows for real-time data collection. This data can be used to optimize process parameters, detect abnormalities, and prevent equipment failures.



b. Predictive Maintenance: Utilizing predictive maintenance techniques, such as vibration analysis and thermal imaging, enables early detection of equipment issues before they lead to unplanned downtime. This approach helps in scheduling maintenance activities during planned shutdowns, minimizing production losses.

3. Digital Twins: Creating digital twins of key equipment and processes allows for simulation and optimization of operations in a virtual environment. This helps in identifying potential bottlenecks, testing different scenarios, and optimizing process parameters without disrupting actual production.

4. Data Analysis: Analysing the vast amount of data generated by production processes using advanced analytics and artificial intelligence can provide valuable insights for process optimization, quality control, and predictive maintenance.

a. Remote Monitoring and Control: Implementing remote monitoring and control systems allows for real-time monitoring and management of production processes from anywhere, enabling quick response to issues and optimizing resource allocation.

Considering vast importance of above subject. IPPTA has organised its Zonal seminar on this topic at Radisson Blu Coimbatore on 26th & 27th July, 2024.

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.

- a. Synopsis of paper by – 30th May 2024 to helpdesk@ippta.co with a copy to mkgoyal@ippta.co
- b. Detailed Paper by 20th June 2024
- c. PPT by 7th July-2024

Please click the link

<https://ippta.co/guidelines-for-publication/>

and follow the other guidelines.

Cash Award

A cash award of Rs. 5000/- would be given to each paper that is selected and presented.

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Tentative Programme of the Conference

DAY ONE

25th July, 2024

Press Meet

02:30 pm

04:30 pm

Author's Meet

Executive Committee Meet

05:30 pm

07:30 pm

Presidential Dinner for ECM/
Authors/Sponsors/
Programme committee
members & Guests

Venue: Radisson Blu Coimbatore

DAY ONE

26th July, 2024

Registration

08:00 am

Inaugural Session

09:30 am

Tea / Coffee

11:00 am

Technical Session - I

11:30 am

Lunch

01:00 pm

Technical Session - II

02:00 pm

Tea / Coffee

03:30 pm

Technical Session - III

04:00 pm

Cultural
Programme

followed by dinner:
7:00 pm onwards

Venue:
Radisson Blu Coimbatore

DAY TWO

27th July, 2024

Technical Session - IV

09:00 am

Tea / Coffee

11:00 am

Special Session

11:30 am

Concluding session

(Award & Group photographs)

01:00 pm

Lunch

01:30 pm

REQUEST FOR PRE-REGISTRATION FOR SEMINAR

To avoid a last-minute rush and inconvenience on the opening day of the Conference, we kindly request all intending participants to register online by clicking on the link: <https://ippta.co/registration-for-seminar/>



Please click the below link for Registration Form:
<https://ippta.co/registration-for-seminar/>

REGISTRATION FEE FOR 2 DAYS

Particular	Upto 23 rd June 24	by 7 th July 24	by 22 nd July 24	After 23 rd July 24
IPPTA Member	Rs. 2,500/-	Rs. 3,500/-	Rs. 4,000/-	Rs. 5,000/-
Non-Member	Rs. 7,000/-	Rs. 8,000/-**	Rs. 9,000/-**	Rs. 10,000/-**
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Accompanying Spouse	*Rs. 2000/-	Rs. 2000/-	Rs. 2,000/-	Rs. 2,000/-

*(Wife/Husband of Registered Delegate); **18% GST applicable

- Note:**
1. Book in advance to help make complete arrangements for you in a smooth way. Last minute registration leads to logistical issues.
 2. The Receipt will be issued as "Partial Reimbursement of cost for organizing Zonal Seminar-2024"
 3. No Cash payment shall be accepted for Registration. Members can use any digital mode like Credit Card or Debit Card/net banking, Paytm, Google pay, NEFT etc.
 4. Once paid Registration Fee is non-refundable.
 5. In case, a pre-registered delegate is unable to attend, he is authorized to sponsor an alternate delegate in his place with a written request, and whose status should be similar to Member/Non-Member.
 6. IPPTA Members above the age of 70 years may attend the Seminar as on complimentary basis.
 7. Ordinary membership with a payment of minimum 5 years membership will be open from 26th June 2024. Life membership will be open as usual.
 8. A Corporate Member can depute any two of its officials (Non-IPPTA Member) as IPPTA Member Delegates at all IPPTA Seminars/Workshop, thus entitling them to pay lower registration Fees as IPPTA Member.

For Registration

Contact Person: Mr. Vikash Gupta; membership@ippta.co; (+ 91 9027256931)

HOTEL TARIFF

Radisson Blu Coimbatore:

Single Room: INR 5045/- Plus 12% Taxes (including Breakfast)

Double Room: INR 6333/- Plus 12% Taxes (including Breakfast)

Contact Person - Afrin Sarvath, Sales Manager

Radisson Blu Coimbatore

164/165 Avinashi Road, Peelamedu, Coimbatore – 641001, India

Phone: 0422 -3166000, Mobile: +91 95855 95309, Email: sm@rdcoimbatore.com

Reservation:

- Note:
1. Please write to hotel directly with your credit card details. Limited rooms are available on first come first serve basis.
 2. Several hotels in various price range are available close to venue and can be booked via travel portals

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Advertisement material in CoralDraw12 version/jpg format should be sent along with the required payment in favour of 'Indian Pulp and Paper Technical Association' latest by **30th June- 2024**. The money can also be deposited directly in IPPTA account according to the Bank details given under the heading of "Registration" with intimation to us.

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- Note:
1. Full payment is to be made at the time of booking of space. The amount is non-refundable.
 2. Exhibitors are requested to bring their products for display only which can be displayed on the table itself

For booking Stall, please write to: conference@ippta.co

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The Seminar offers excellent opportunity for technology and chemical supplier to sponsor the event.

For details, please click in <https://ippta.co/seminar-sponsorship/>

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IPPTA
Indian Pulp & Paper Technical Association

INDIAN PULP AND PAPER TECHNICAL ASSOCIATION (IPPTA)

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