



# IPPTA

## PROGRAMME

### Crash Course on Barrier Coating of Paper to Replace Single Use Plastic & Papermaking for Non-Paper Maker

03<sup>rd</sup> - 05<sup>th</sup> June, 2025 at New Delhi

#### MONDAY, 2<sup>ND</sup> JUNE 2025

Authors' Meet	: 4:00 pm	Strategy Hall, Upper ground floor
Executive Committee Meet	: 5:00 pm	Strategy Hall, Upper ground floor
Presidential Dinner	: 7.00 pm	Tango - 01



#### SUPPORTED BY

- A.P. Recycled Paper Mills Association
- Central Pulp & Paper Research Institute
- Confederation of Indian Industry
- Federation of Paper Traders Association of India
- Gujarat Paper Mills Association
- Gujarat Paper Makers Association
- Hyderabad Kraft Paper Mills Association
- Indian Agro & Recycled Paper Mills Association
- Indian Newsprint Manufacturers Association
- Indian Paper Manufacturers Association
- Indian Recycled Paper Mills Association
- Indian Recovered Paper Trader Association
- Maharashtra Paper Mills Association
- Morbi Paper Mills Association
- NCR Paper Mills Association
- Paper Manufacturer Association
- Paper Unit Chapter – KGCCI Uttarakhand
- South India Kraft Paper Mills Association
- South Indian Paper Mills Association
- United Nations Industrial Development Organization

**DAY: 1** Tuesday, 3<sup>rd</sup> June, 2025

## **INAGURATION CEREMONY (FOR BOTH COURSES)**

**9:00 am to 10:30 am**

### **Inauguration & Lighting of Lamp by**

**Chief Guest: Mr. Pawan Agarwal**

*Managing Director, Naini Papers Ltd.*

**Welcome Address : Mr. M. K. Goyal**

*Honorary Secretary General, IPPTA*

**Presidential Address: Mr. Pavan Khaitan**

*President – IPPTA*

**Overview : Dr. Alexey Vishtal**

*Distinguished speaker*

**Chief Guest/keynote : Mr. Pawan Agarwal**

**speaker address**

*Managing Director, Naini Papers Ltd.*

### **Launch of IPPTA Journal**

**Chief Guest: Mr. Pawan Agarwal**

**Vote of Thanks : Mr. S.V.R. Krishnan**

*Vice President, IPPTA*

### **National Anthem**

**Inaugural Tea/Coffee: 10:30 am to 11:00 am**



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**Delegates are requested to occupy their seats 10 minutes before the arrival of the Chief Guest by 8:50 am**

**DAY: 1** Tuesday, 3<sup>rd</sup> June, 2025

## BARRIER COATING TECHNICAL SESSION – I

### *Subject : Introduction of Barrier Coating*

**1. Indian market size for barrier coated paper, legislation current position of industry and opportunities and challenges**

(11:00 am to 11:30 am) **Ashraf Naithani**, Mehali Papers Pvt. Ltd. - India

**2. Fundamentals of barrier and its relation to shelf-life of products**

(11:30 am to 1:00 pm) **Dr. Yves Wyser**, (Nestlé) - Switzerland

Lunch : 1:00 pm to 2:00 pm

## BARRIER COATING TECHNICAL SESSION – II

**3. Fundamentals of barrier and its relation to shelf-life of products**

(2:00 pm to 2:45 pm) **Dr. Yves Wyser**, (Nestlé) - Switzerland

**4. Why we shall make a functional fibre-based packaging? Overview of EU legislation (SUPD, PPWR etc.).**

(2:45 pm to 3:30 pm) **Dr. Alexey Vishtal**, (MM Board & Paper) - Austria

Tea/Coffee : 3:30 pm to 4:00 pm

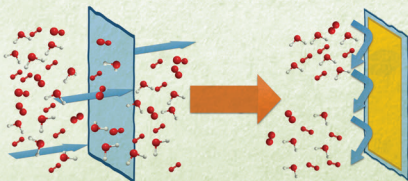
**5. Barrier coatings on paper and board: Various types of coatings and their properties, coating defects.**

(4:00 pm to 5:00 pm) **Dr. Alexey Vishtal**, (MM Board & Paper) - Austria

**6. Aqueous polymer dispersions: Methods of preparation, stabilization, and film formation-Part 1**

(5:00 pm to 5:45 pm) **Dr. Bernhard Kainz**, (Dow) - Germany

NETWORKING DINNER: 7:00 pm onwards



**DAY: 2** Wednesday, 4<sup>th</sup> June, 2025

## BARRIER COATING TECHNICAL SESSION – III

### **Subject: Barrier Coating & Coating Methods**

**7. Aqueous polymer dispersions: Methods of preparation, stabilization, and film formation-Part 2** (9:00 am to 10:00 am)

**Dr. Bernhard Kainz**, (Dow) - Germany

**8. Polyvinyl alcohol solutions as a barrier coating material for paper Part 1** (10:00 am to 11:00 am) **Dr. Samuel Michel**, (Kuraray) - Germany

Tea/Coffee : 11:00 am to 11:30 am

**9. Polyvinyl alcohol solutions as a barrier coating material for paper Part 2** (11:30 am to 12:30 pm) **Dr. Samuel Michel**, (Kuraray) - Germany

**10. Use of minerals in barrier coatings Part 1** (12:30 pm to 1:00 pm)

**Dr. Janet Preston**, (Artemyn) - UK

Lunch : 1:00 pm to 2:00 pm

## BARRIER COATING TECHNICAL SESSION – IV

**11. Use of minerals in barrier coatings Part 2** (2:00 pm to 2:45 pm)

**Dr. Janet Preston**, (Artemyn) - UK

**12. Coating method part-1 : Metered & pre-metered coating. Online & offline application of barriers, coating colour preparation & drying** (2:45 pm to 3:30 pm)

**Magnus Nilsson UMV**, (UMV Coating Systems AB) - Sweden

Tea/Coffee : 3:30 pm to 4:00 pm

**13. Coating methods part-2: Metered & pre-metered coating. Online & offline application of barriers, coating colour preparation & drying** (4:00 pm to 4:45 pm)

**Thomas Kraschitzer**  
(presented by **Alexey Vishtal**, (MM Board & Paper) - Austria)

**14. Principles of vacuum deposition for creation of functional barrier properties** (4:45 pm to 6:00 pm) **Nick Copeland**, (Bobst) - UK

NETWORKING DINNER: 7:00 pm onwards

**DAY: 3** Thursday, 5<sup>th</sup> June, 2025

## BARRIER COATING TECHNICAL SESSION – V

**Subject : Base Paper Properties & End Of Life**

**15. Biobased & “Plastic-free” coatings** (9:15 am to 9:45 am)

**Dr. Alexey Vishtal**, (MM Board & Paper) - Austria

**16. Paper physics-Impact of paper and board structure on barrier properties and final properties of packaging**

(9:45 am to 10:45 am) **Dr. Alexey Vishtal**, (MM Board & Paper) - Austria

Tea/Coffee : 10:45 am to 11:15 am

**17. Compostability and biodegradability of fibre-based packaging and biobased plastics** (11:15 am to 12:15 pm)

**Dr. Johannes Zimmer**, (Nestlé) - Switzerland

**18. The safety aspect of coated paper in food packaging**

(12:15 pm to 1:00 pm) **Prof. Rajeshwar Matche**, (CFTRI) - India

Lunch : 1:00 pm to 2:00 pm

## BARRIER COATING TECHNICAL SESSION – VI

**19. Next generation paper packaging (High barrier coatings for functional applications)** (2:00 pm to 2:45 pm)

**Prof. Kirtiraj Gaikwad**, (DPT) - India

### QUESTION ANSWERS

(2:45 pm to 3:30 pm)

Tea/Coffee : 3:30 pm to 4:00 pm





**DAY: 1** Tuesday, 3<sup>rd</sup> June, 2025

## PAPER MAKING TECHNICAL SESSION – I

### 1. Introduction to various grades of paper and its applications

(11:15 am to 11:45 am) **Dr. R. S. Sapkal**, (Sant Gadge Baba Amravati University) - Amravati

### 2. Packaging paper & board manufacturing (An overview)

(11:45 am to 12:15 pm) **Pankaj Aggarwal**, (Bindlas Duplux Ltd) - Muzaffarnagar

### 3. Specialty papers (12:15 pm to 1:15 pm) **Siddharth Mohanty**, (ITC Ltd)

- PSPD

Lunch : 1:15 pm to 2:15 pm

## PAPER MAKING TECHNICAL SESSION – II

### 4. Papermaking at a glance – Bird's view (2:15 pm to 3:00 pm)

**Dr. Vibhore Rastogi**, (DPT) - Saharanpur

### 5. Various types of raw material wood/agro-waste/wastepaper

(3:00 pm to 3:45 pm) **Dr. Puneet Pathak**, (Agriliv Research Foundation) - Delhi

Tea/Coffee : 3:45 pm to 4:15 pm

### 6. Pulping of different raw materials (Wood and Agro-waste)

(4:15 pm to 5:00 pm) **Dr. Shuank Malik**, (ICFRE- Forest Research Institute) - Dehradun

### 7. Bleaching of pulp, a brief introduction (5:00 pm to 5:45 pm)

**Dr. Arvind Sharma**, (CPPRI) - Saharanpur



**DAY: 2** Wednesday, 4<sup>th</sup> June, 2025

## PAPER MAKING TECHNICAL SESSION – III

**8. Recovery/boiler** 9:15 am to 10:15 am)

**R. Chandrasekaran**, (Enmas Andritz) - Chennai

**9. The Paper Landscape: Market projections, e-commerce influence, and its environmental impacts** (10:15 am to 11:15 am)

**Dr. B. P. Thapliyal**, (Indian Agro Recycled Papermills Association) - New Delhi

Tea/Coffee : 11:15 am to 11:45 am

**10. Waste paper processing and deinking operations**

11:45 am to 12:45 pm) **Dr. Ramjee Subramanian**, (DPT) - Saharanpur

**11. Stock preparation and wet end operation** (12:45 pm to 1:15 pm)

**Dr. Ashish Sharma**, (CPPRI) - Saharanpur

Lunch : 1:15 pm to 2:15 pm

## PAPER MAKING TECHNICAL SESSION – IV

**12. Introduction of various types of paper machine**

2:15 pm to 2:45 pm) **Mr. R. B. Lakshminpathi**, (TNPL) - Karur

**13. Operation of different paper machines** (2:45 pm to 3:45 pm)

**Mr. R. B. Lakshminpathi**, (TNPL) - Karur

Tea/Coffee : 3:45 pm to 4:15 pm

**14. Surface sizing and coating** 4:15 pm to 5:00 pm) **Dr. Sanjay Tyagi**,

(CPPRI) - Saharanpur

**15. Finishing and converting, handling and storage of paper**

(5:00 pm to 5:45 pm) **Dr. Nishikant Bhardwaj**, (DPT) - Saharanpur

NETWORKING DINNER: 7:00 pm onwards



**DAY: 3** Thursday, 5<sup>th</sup> June, 2025

## PAPER MAKING TECHNICAL SESSION – V

**16. Structural and barrier/resistance properties** (9:30 am to 10:30 am) **Dr. Rjeshwar Matche**, (CFTRI) - Mysore

**17. Paper and board characteristics with testing of specific defect** (10:30 am to 11:30 am) **Mr. Gouri Shankar Patnaik**, (J k Paper Mills) - Rayagada

Tea/Coffee : 11:30 am to 12:15 pm

**18. Various properties of papers and their testing** (12:15 pm to 1:15 pm) **Dr. Dharm Dutt**

Lunch : 1:15 pm to 2:00 pm

## PAPER MAKING TECHNICAL SESSION – VI

**19. Environmental sustainability** (2:00 pm to 3:00 pm)  
**S. Ram**, (HABER) - Pune

**QUESTION ANSWERS**  
(3:00 pm to 3:30 pm)

Tea/Coffee : 3:30 pm to 4:00 pm

**CLOSING SESSION (FOR BOTH COURSES)**  
(4:00 pm to 5:30 pm)

✦ **Concluding session** ✦ **Awards**

✦ **Vote of Thanks by Mr. M. K. Goyal**, *Hony. Secretary General*

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