

**Department of Paint Technology**  
**Harcourt Butler Technical University, Kanpur**

**Title:**

**Participation at Paint India 2026 – International Exhibition on Paints, Coatings, and Allied Industries**

**Dates:** 19th – 21st February 2026

**Venue:** Bombay Exhibition Centre (BEC), Mumbai

**Event:** Paint India 2026 – International Exhibition

**Participating Institution:** Department of Paint Technology, HBTU Kanpur

**Participants from the Department:**

- Dr. Durgesh K. Soni (Faculty Representative)
- Dev Tiwari (Research Scholar)
- Satyarth Mishra (Research Scholar)
- Kapil Agrawal (PG Student)
- Khushboo Singh (PG Student)



## 1. Introduction

The Department of Paint Technology, Harcourt Butler Technical University (HBTU), Kanpur, proudly participated in **Paint India 2026**, held at the **Bombay Exhibition Centre** from 19th to 21st February 2026.



Paint India is one of the most prestigious and globally recognized exhibitions in the field of paints, coatings, raw materials, and allied industries. The event brought together **leading manufacturers, R&D experts, raw material suppliers, equipment providers, and academic institutions** from across the world.



The participation of HBTU reflects the department's continuous efforts to stay aligned with **global technological advancements, industry trends, and innovation-driven research.**

## 2. Objectives of Participation

The department's participation was driven by the following objectives:

- To gain exposure to **latest global trends in paints and coatings technology**
- To strengthen **industry–academia collaboration**
- To explore opportunities for **research partnerships and consultancy**
- To provide students with **real-world industrial exposure**
- To interact with **technology providers and R&D organizations**
- To facilitate **alumni engagement and networking**

## 3. Overview of Paint India 2026

Paint India 2026 served as a comprehensive platform showcasing:

- **Advanced coating technologies**

- Raw materials and additives
- Sustainable and eco-friendly coating solutions
- Application technologies and equipment
- Innovations in performance and durability

The exhibition hosted **national and international companies**, offering insights into the **current and future landscape of the coatings industry**.



#### **4. Academic–Industry Interaction**

A major highlight of the participation was the extensive interaction with:

- Industry leaders
- Technical experts
- R&D professionals
- Equipment manufacturers
- Chemical suppliers

These interactions enabled:

- Understanding of **industry requirements and expectations**
- Exposure to **commercial-scale coating technologies**
- Insights into **market-driven innovations**
- Identification of **potential research and consultancy areas**

## 5. Exposure to Emerging Technologies

Participants explored a wide range of advanced technologies, including:

### 5.1 Sustainable and Green Coatings

- Low-VOC and eco-friendly formulations
- Waterborne and powder coatings
- Bio-based resins and additives



### 5.2 Advanced Functional Coatings

- Anti-corrosion coatings
- Anti-microbial coatings
- Self-healing coatings
- Smart and responsive coatings

### 5.3 Industrial Application Technologies

- Spray and electrostatic coating systems
- Surface preparation technologies
- Automation in coating processes

### 5.4 Raw Materials and Additives

- Specialty resins and binders

- Pigments and fillers
- Rheology modifiers and dispersants

## 6. Alumni Meet – Strengthening Legacy and Network

One of the most significant and emotionally enriching aspects of the event was the **Alumni Meet**, which served as a platform to reconnect with distinguished alumni of the department.



### 6.1 Highlights of Alumni Interaction

- Interaction with alumni working in leading coatings industries
- Exchange of industry experiences and career journeys
- Guidance provided to current students
- Discussions on **industry expectations and skill requirements**

### 6.2 Key Outcomes of Alumni Engagement

- Strengthening of **departmental legacy and network**
- Opportunities for **mentorship and career guidance**
- Exploration of **collaborative research and consultancy projects**
- Reinforcement of **industry–academia relationships**

The presence of alumni reaffirmed the department's strong foundation and its contribution to the coatings industry.



## 7. Industry Networking and Collaboration Opportunities

The event facilitated multiple networking opportunities with:

- Leading paint companies
- Specialty chemical manufacturers
- International suppliers
- Industry associations such as Paint and Coating Technologists' Association

## 7.1 Potential Areas of Collaboration

- Joint research projects
- Consultancy in coatings formulation and testing
- Student internships and industrial training
- Sponsored research and technology development
- Knowledge exchange programs



## 8. Role of Faculty and Student Participation

The active involvement of faculty and students ensured:

- Effective representation of the department
- Meaningful academic–industry engagement
- Knowledge dissemination within the department

### Faculty Contribution

- Establishing professional connections
- Exploring research collaborations
- Representing academic expertise

### Student Contribution

- Engaging with industry professionals

- Learning about real-world applications
- Enhancing communication and networking skills



## 9. Learning Outcomes

The participation resulted in significant learning outcomes:

- Understanding of **global coating technologies and trends**
- Exposure to **industrial-scale operations and challenges**
- Awareness of **sustainability in coatings industry**
- Development of **professional and networking skills**
- Insight into **career opportunities in coatings sector**

## 10. Impact on Department

### Academic Impact

- Integration of latest industry trends into curriculum
- Enhancement of teaching-learning process

### Research Impact

- Identification of emerging research areas
- Opportunities for collaborative research

### Institutional Impact

- Increased visibility at national and international platforms
- Strengthened industry connections



## 11. Acknowledgements

The department extends sincere gratitude to:

- **Dilip Raghavan** and **Radhakrishnan S** for providing the opportunity to participate and represent HBTU
- Alumni and industry professionals for their valuable interactions
- Organizers of Paint India 2026 for hosting a world-class exhibition

## 12. Relevance to NAAC/NBA Criteria

### NBA Alignment:

- **Criterion 3:** Program Outcomes (Industry exposure, lifelong learning)
- **Criterion 5:** Faculty Contributions
- **Criterion 7:** Professional Activities

### NAAC Alignment:

- **Criterion 2:** Teaching-Learning Enhancement
- **Criterion 3:** Research, Innovation & Collaboration
- **Criterion 5:** Student Progression
- **Criterion 6:** Institutional Networking

- **Criterion 7: Best Practices**



### 13. Conclusion

Participation in Paint India 2026 was a highly enriching experience that strengthened the department's engagement with the global coatings industry. The event provided invaluable exposure to **cutting-edge technologies, industrial practices, and emerging trends**, while also reinforcing strong alumni and industry connections.



Such initiatives play a crucial role in shaping **future-ready professionals, promoting innovation, and advancing the field of Paint and Coatings Technology.**