

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

**Title:**

**Outstanding Achievement at Asian Paints Alchemy 2026 – Third Prize in Grand Finale**

**Event:** Asian Paints Alchemy 2026 – National Level Innovation Competition

**Level:** National (Industry-driven, highly competitive)

**Organized By:** Asian Paints Limited

**Participants from HBTU:**

- Abhimanyu Chaurasia (Final Year B.Tech)
- Apoorva Sachan (Final Year B.Tech)

**Achievement:**

 **Third Prize in Grand Finale**



### **1. Introduction**

The Department of Paint Technology, HBTU Kanpur, achieved a remarkable milestone at the **Asian Paints Alchemy 2026**, one of the most prestigious national-level competitions in the coatings and materials domain.

Our final-year undergraduate students, Abhimanyu Chaurasia and Apoorva Sachan, delivered an exceptional performance and secured **Third Prize in the Grand Finale**,

competing against top teams including **Ph.D. scholars and advanced researchers from premier institutions across India.**

This achievement reflects the department's commitment to **innovation, academic excellence, and industry-relevant research.**



## 2. About the Competition

**Asian Paints Limited** organizes *Alchemy* as a flagship platform to:

- Encourage innovation in coatings and materials science
- Identify emerging talent across India
- Bridge academia and industry
- Promote research-driven problem solving

The competition is known for its **high level of technical rigor, industry evaluation, and national visibility.**

## 3. Objective of Participation

The participation aimed to:

- Showcase student innovation at a **national platform**
- Engage with **industry experts and leaders**
- Gain exposure to **cutting-edge research and industrial challenges**
- Enhance students' **presentation and problem-solving skills**
- Strengthen **industry-academia collaboration**

#### 4. Description of Student Contribution

The HBTU team presented a **groundbreaking and innovative concept**, which stood out among numerous high-level entries.

##### Key Strengths of the Project:

- Out-of-the-box conceptualization
- Strong research foundation
- Practical relevance to industry
- Excellent presentation and communication

The project not only demonstrated **technical depth** but also reflected **innovation-driven thinking aligned with industry needs**.



#### 5. Evaluation and Jury Interaction

One of the most significant highlights of the event was the **exceptional appreciation from the jury panel**, which included:

- Senior HR Heads
- Technical experts
- Industry leaders from major paint manufacturing companies

### Key Observations by Jury:

- Exceptional clarity of concept
- Strong analytical and research approach
- High potential for industrial application
- Outstanding presentation skills

The jury spent considerable time interacting with the team, indicating the **impact and uniqueness of their work**.

### 6. Prestigious Interaction and Recognition

A moment of immense pride for the department was the interaction of the students with:

- **S. Somanath** (Former Chairman, Indian Space Research Organisation)



This interaction highlighted:

- National-level recognition of student excellence
- Appreciation of innovation from eminent scientific leadership
- Validation of the project's vision and quality

### 7. Competitive Landscape

The competition featured:

- Participants from top institutions across India
- Strong representation from postgraduate and doctoral researchers
- Highly advanced research-based projects

Despite intense competition, the undergraduate team from HBTU secured a top position, showcasing **exceptional capability and preparedness**.



## 8. Key Highlights of Achievement

- 🏆 Third Prize at national-level competition
- 🎯 Recognition by top industry professionals
- 🌟 Interaction with eminent scientific leadership
- 🚀 Demonstration of innovation and research excellence
- 🤝 Strengthening of industry–academia connection

## 9. Learning Outcomes

The students gained:

- Exposure to **national-level competition standards**
- Insights into **industry expectations and evaluation criteria**

- Enhanced **presentation and communication skills**
- Experience in **handling technical discussions with experts**
- Confidence in **innovative thinking and problem-solving**



## 10. Impact on Department

### Academic Impact

- Encouragement of innovation-driven learning
- Motivation for project-based education

### Research Impact

- Promotion of applied and industry-relevant research
- Inspiration for future student projects

### Institutional Impact

- Enhanced visibility at national level
- Strengthening of institutional reputation

## 11. Role of Mentorship and Institutional Support

The achievement reflects:

- Strong academic guidance
- Supportive research environment
- Encouragement of participation in national platforms

The department continues to foster an ecosystem that promotes **innovation, creativity, and excellence.**



## 12. Relevance to NAAC/NBA Criteria

### NBA Alignment:

- **Criterion 3:** Program Outcomes (Innovation, problem-solving, communication skills)
- **Criterion 5:** Faculty Contributions
- **Criterion 7:** Professional Activities

### NAAC Alignment:

- **Criterion 2:** Teaching-Learning Process
- **Criterion 3:** Research, Innovation & Extension
- **Criterion 5:** Student Progression
- **Criterion 6:** Institutional Visibility
- **Criterion 7:** Best Practices

### 13. Conclusion

The outstanding performance of HBTU students at Asian Paints Alchemy 2026 stands as a testament to the department's commitment to nurturing **innovative, industry-ready engineers**.



This achievement not only brings pride to the institution but also reinforces its position as a center of excellence in **Paint and Coatings Technology**. It serves as an inspiration for future students to aim higher, innovate boldly, and excel on national and global platforms.