



राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)
Under Ministry of Education, Government of India



DEPARTMENT OF ARCHITECTURE AND PLANNING

Market Visit

Under Industry-Institute Collaboration Cell (IICC),

Date- 24/04/ 2024

An industry visit to Skyler, focusing on uPVC and aluminum system windows as modern building components, was conducted on 24th April 2024, organized by Mrs. Kabita Biswas Sharma, Assistant Professor, Department of Architecture and Planning, NIT Raipur. The visit provided students with practical insights into the advantages and applications of uPVC and aluminum windows, including their energy efficiency, durability, and low maintenance. The students observed the fabrication processes, installation techniques, and customization options available for various architectural needs. The visit highlighted the materials' benefits, such as thermal and acoustic insulation, weather resistance, and design versatility, emphasizing their role in sustainable and contemporary architecture.

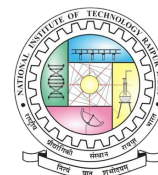
Key points-

- **Material Applications:** Understanding the use of uPVC and aluminum windows in modern building designs.
- **Fabrication and Installation:** Insight into the production processes and installation techniques for both materials.
- **Advantages:**
 - **uPVC:** Offers energy efficiency, excellent thermal and acoustic insulation, and low maintenance.
 - **Aluminium:** Provides durability, strength, and design flexibility.
- **Customization:** Exposure to various customization options for aesthetic and functional needs.
- **Sustainability:** Awareness of the materials' roles in energy-efficient and sustainable building practices.



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