सत्यमेव जयते

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

Industry Presentation/Demonstration

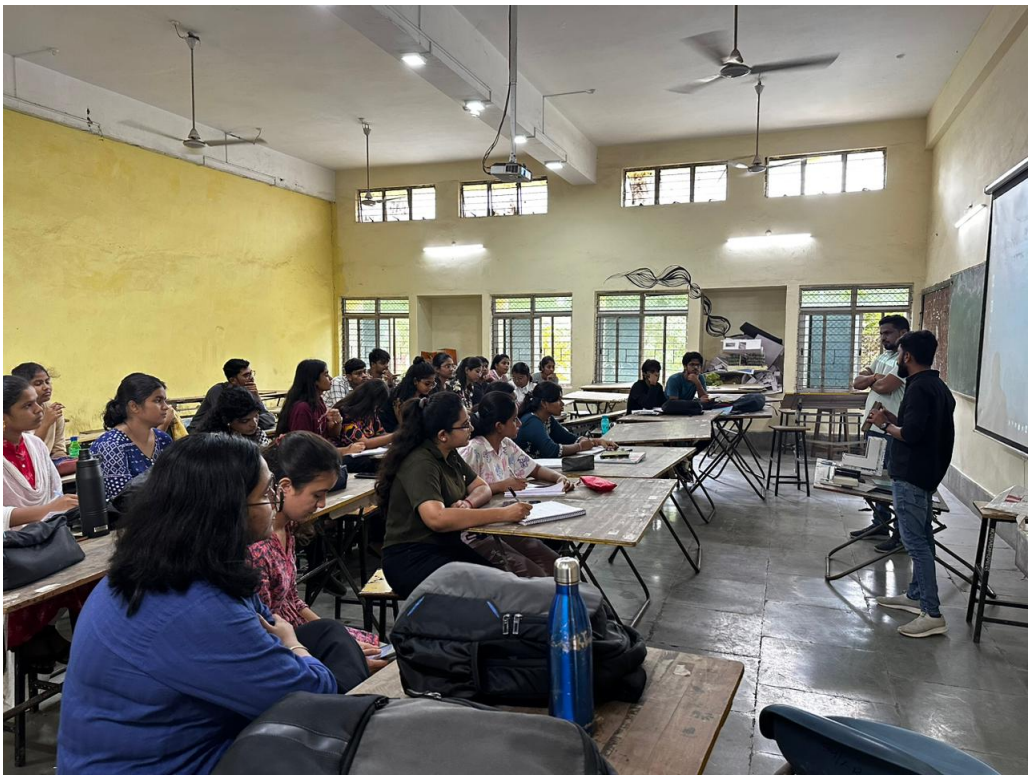
Under Industry-Institute Collaboration Cell (IICC),

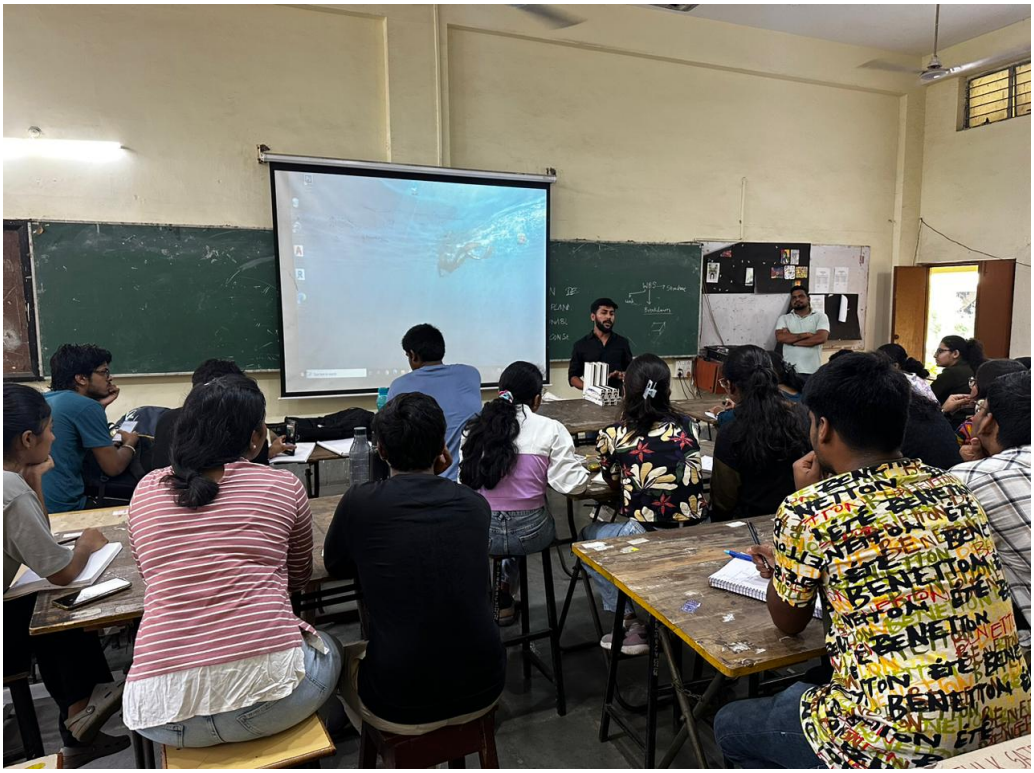
Date- 19/07/ 2024

An industry expert lecture on uPVC as a modern building material was conducted on 19th July 2024, organized by Mrs. Kabita Biswas Sharma, Assistant Professor, Department of Architecture and Planning, NIT Raipur. The session covered the various applications, techniques, and advantages of uPVC sections and frames in contemporary construction. The expert highlighted uPVC's versatility in windows, doors, partitions, and curtain walls, emphasizing its benefits in thermal insulation, soundproofing, and energy efficiency. The lecture also explored installation methods, detailing its low maintenance, durability, resistance to weather and corrosion, and eco-friendly attributes, positioning uPVC as an ideal choice for modern sustainable buildings.

Key points-

- **Understanding Applications**: Learn how uPVC sections and frames are used in windows, doors, partitions, and curtain walls for various building types.
- **Installation Techniques**: Gain insights into proper installation methods, including sealing, hardware selection, and fitting for enhanced performance.
- **Advantages of uPVC**:
    - **Energy Efficiency**: uPVC improves thermal insulation, reducing energy costs in buildings.
    - **Acoustic Benefits**: Offers soundproofing for a quieter indoor environment.
    - **Durability**: Low maintenance and high resistance to weather and corrosion.
- **Sustainability**: Recognize the importance of eco-friendly materials in sustainable architecture, with uPVC being recyclable.

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