

### **Mechanical Engineering Department Industrial Visit (4<sup>th</sup> April, 2026)**

On 4th April 2026, an industrial visit was organized for the second-year undergraduate students of the Mechanical Engineering Department to the Panki Thermal Power Plant, Kanpur. A group of 30 students, accompanied by three faculty members, participated in this educational excursion aimed at bridging the gap between theoretical knowledge and practical industrial applications. During the visit, the students were given an overview of the plant's layout and operation, including key components such as boilers, turbines, generators, and cooling systems. The officials at the plant explained the process of electricity generation from coal, highlighting important aspects of heat transfer, fluid flow, and energy conversion. Special emphasis was placed on safety protocols, environmental considerations, and modern advancements in thermal power generation. The visit provided students with valuable insights into real-world engineering practices and enhanced their understanding of concepts studied in the classroom. It also offered them an opportunity to interact with industry professionals and clarify their queries regarding plant operations and maintenance. Overall, the industrial visit was highly informative and beneficial, contributing significantly to the practical learning experience of the students. Photographs of the event are appended below.



























