

Report on Expert Talk

Impact of Control Systems in Real World Applications

Date: Monday, November 28, 2022

Venue: Room Number 609, EEE Block, MAIT

Expert Speaker: Ms. Neha Mittal

Introduction:

On Monday, November 28, 2022, the Department of Electrical and Electronics Engineering (EEE) at Maharaja Agrasen Institute of Technology organized an enlightening Expert Talk on the "Impact of Control Systems in Real World Applications." The event aimed to shed light on the practical applications of control systems and their significance in various industries.

Event Overview:

Ms. Neha Mittal, an esteemed expert in the field of control systems, graced the event as the keynote speaker. Her extensive experience and expertise added immense value to the discussions throughout the session. The event commenced with a warm welcome extended to Ms. Neha Mittal by the faculty and students of the EEE department.

Key Highlights:

Ms. Neha Mittal delved into the intricacies of control systems and elucidated their pivotal role in real-world applications. She provided insights into how control systems regulate and manage processes across diverse sectors, including manufacturing, aerospace, automotive, and robotics. Through real-life examples and case studies, Ms. Mittal showcased the practical implementation of control systems, emphasizing their contribution to enhancing efficiency, productivity, and safety in various industries.

Furthermore, Ms. Mittal discussed the latest advancements in control system technologies, such as adaptive control, predictive control, and digital control systems. She highlighted how these innovations are revolutionizing industries and opening new avenues for automation and optimization.

The interactive session encouraged active participation from the attendees, fostering engaging discussions and knowledge exchange. Students had the opportunity to pose questions and seek clarification on complex concepts, enriching their understanding of control systems and their applications in the real world.

Conclusion:

The Expert Talk on the "Impact of Control Systems in Real World Applications" proved to be an enlightening and insightful event, offering valuable perspectives on the significance of control systems in contemporary industries. Ms. Neha Mittal's expertise and engaging presentation captivated the audience, leaving them inspired and better informed about the transformative potential of control

systems. The event concluded with a vote of thanks to Ms. Neha Mittal for her invaluable contribution and to all participants for their active involvement.

Overall, the event served as a platform for students to broaden their knowledge, gain practical insights, and foster a deeper appreciation for the role of control systems in shaping the modern world.

