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Department of Mechanical Engineering

Guest Lecture:	PLC and Its Industrial Applications
Name of the Guest Speaker:	Mr. Tushar Mestry
Designation:	Owner
Organization/Institution:	Prakash Die Works
Date:	15/03/2019
Time:	10.00 am Onwards

Programme Summary/Details:

The Department of Mechanical Engineering organized a guest lecture on "PLC and Its Industrial Applications." The lecture focused on providing students with insights into Programmable Logic Controllers (PLCs) and their significance in industrial automation. During the lecture, the guest speaker discussed the fundamental concepts of PLCs, including their architecture, programming languages, and communication protocols. They highlighted the various industrial applications of PLCs, such as process control, machinery automation, and production line optimization. The lecture also covered practical aspects of PLC programming and troubleshooting, emphasizing the importance of reliable and efficient PLC systems in industrial settings. Real-world examples and case studies were shared to illustrate the implementation of PLCs in different industries. Participants gained a deeper understanding of how PLCs are used to control and monitor complex industrial processes, improve productivity, and ensure safety. The lecture also emphasized the need for interdisciplinary collaboration between mechanical engineers, electrical engineers, and automation specialists in PLC-based systems. Overall, the guest lecture on PLC and its industrial applications provided students with valuable knowledge and insights into the role of PLCs in industrial automation. It inspired them to explore the vast potential of PLC technology and its impact on modern manufacturing and industrial processes.

Photos: