



UKA TARSADIA
u n i v e r s i t y

Expert Lecture on INDUSTRIAL AUTOMATION

Date: 07/10/2024

Expert: Mr. Keyur Mehwala
Owner of K K Automation,
Vapi.

Number of Students Benefited: 34

Seminar Report on Expert Lecture of INDUSTRIAL AUTOMATION for the Department of Electrical Engineering, CGPIT, Uka Tarsadia University

On 7TH October 2024, CGPIT (Chhotubhai Gopalbhai Patel Institute of Technology) hosted an Expert Lecture, led by Mr. Keyur Mehwala, an experienced electrical engineer. The Expert Lecture was designed to provide students with practical knowledge and skills related to Industrial Automation, bridging the gap between theoretical education and practical application.

Lecture Activities:

The Expert Lecture commenced with a thorough introduction to the principles of industrial automation. Mr. Keyur Mehwala provided a detailed overview of electrical concepts, including the functions of various components such as Servo Drives, Stepper Drive & Motor. This theoretical foundation was vital for understanding the practical tasks that followed. Participants were introduced to essential electrical safety standards and regulations, which set the stage for the lecture activities.

Students were actively involved in knowing parts like Pressure Transmitter, Solid State Relays and Panel meters, guided by Mr. Keyur Mehwala. He shows the real videos of basic electrical circuits and learned to On line Printing Solution. This Lecture experience was designed to bridge the gap between theory and real-world application, allowing students to apply their knowledge in a controlled, supervised environment. Mr. Mehwala's guidance ensured that participants understood the correct procedures and techniques, enhancing their confidence and competence in Industrial Automation.

Feedback and Conclusion:

Feedback from participants was overwhelmingly positive, with many expressing appreciations for the practical approach. Participants felt that the lecture activities significantly enhanced their understanding and skills, and they valued the emphasis on safety. Overall, the Expert Lecture on INDUSTRIAL AUTOMATION was a successful event that provided students with a solid foundation in both theoretical and practical aspects of domestic wiring. Moving forward, it is recommended to include advanced topics and extended practical sessions in future Lecture to further enrich the learning experience.

Glimpses of the sessions



