

One-Day Online Workshop on "Mechanical Automation using Arduino and its application in Industry 4.0"

Date: January 21, 2022

Participants: 20

Saffrony Institute of Technology organized a one-day online workshop on "Mechanical Automation using Arduino and its application in Industry 4.0" for 6th-semester Mechanical Department students. The workshop aimed to provide a comprehensive understanding of automation principles, focusing on Arduino applications, and bridging the gap between theoretical knowledge and practical implications.

Workshop Highlights:

- ✚ **Objective:** The primary objective of the workshop was to equip 6th-semester Mechanical Department students with a deep understanding of automation principles, particularly in the context of Arduino applications and their relevance to Industry 4.0.
- ✚ **Comprehensive Learning:** The workshop covered a wide range of topics related to mechanical automation, emphasizing the practical application of Arduino in real-world scenarios. This comprehensive approach ensured that students gained a holistic understanding of modern automation in the field of mechanical engineering.
- ✚ **Industry 4.0 Focus:** Recognizing the importance of Industry 4.0, the workshop emphasized how the skills acquired through the understanding of Arduino applications contribute to the ongoing technological revolution in the industry.
- ✚ **Skill Development:** The hands-on nature of the workshop allowed students to apply theoretical concepts in a practical setting, enhancing their skills and proficiency in the realm of mechanical automation.

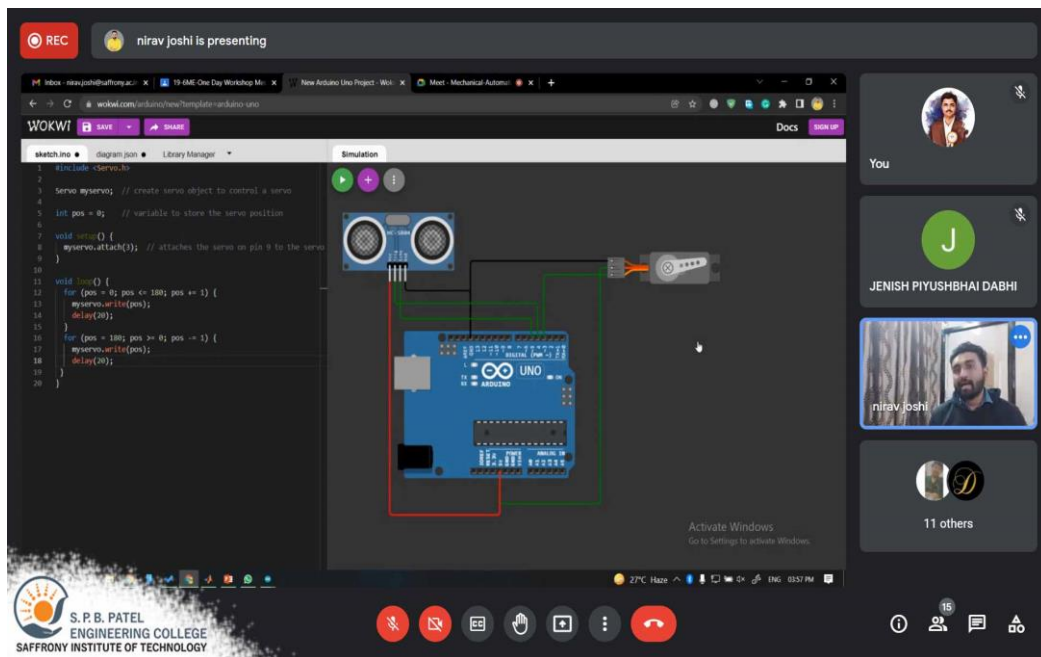
Outcome:

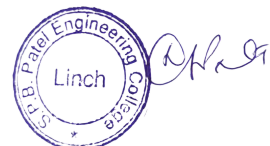
The one-day online workshop proved to be a success, with 20 participants gaining valuable insights and skills in the field of mechanical automation using Arduino. The practical focus and relevance to Industry 4.0 ensured that students were well-prepared for the demands of modern mechanical engineering.

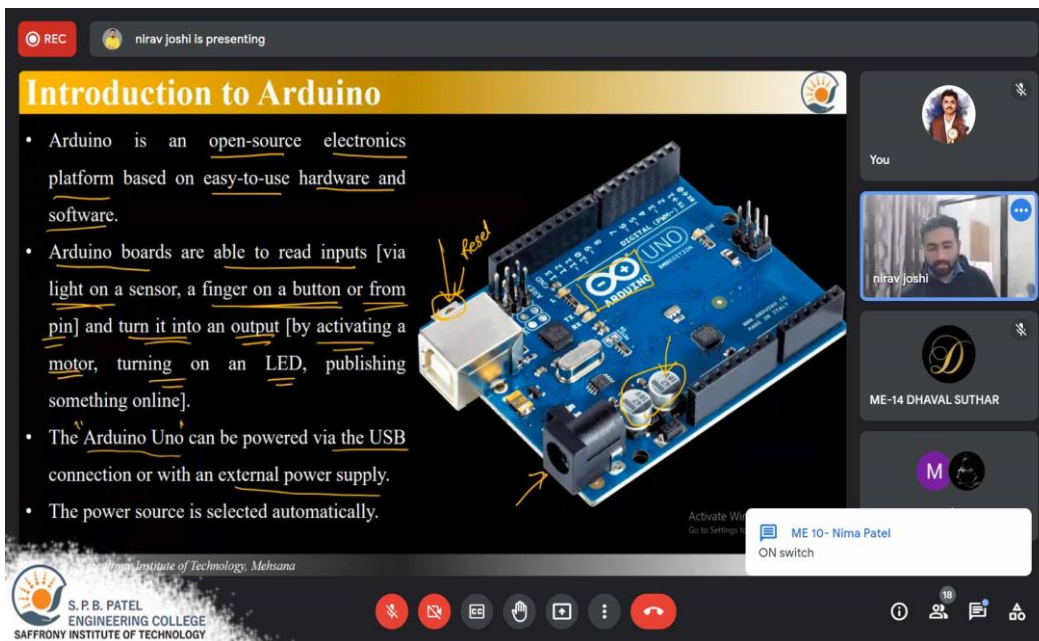
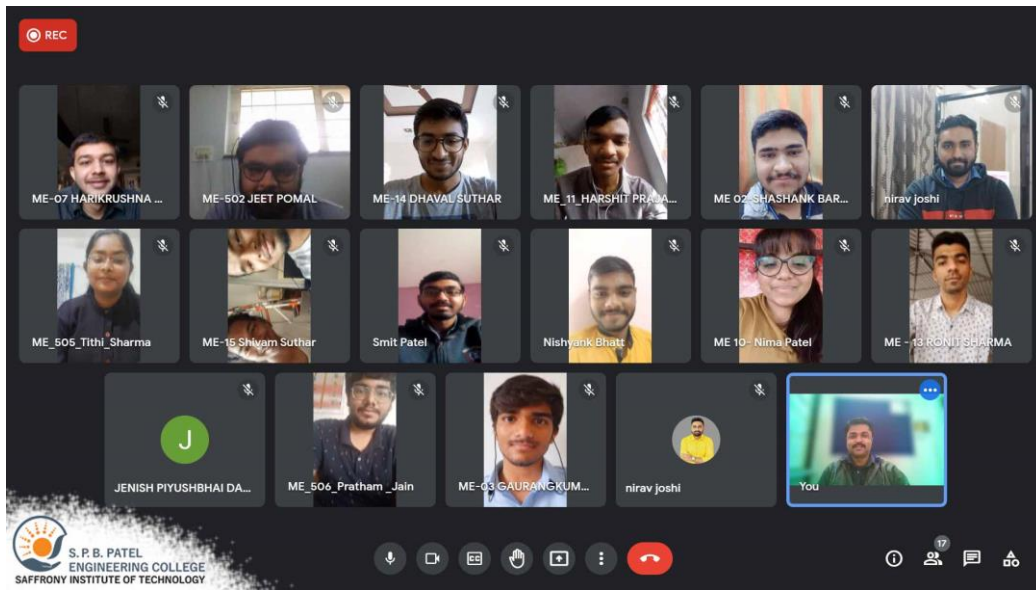
Conclusion:

Saffrony Institute of Technology acknowledges the success of the One-Day Online Workshop and the positive impact it has had on the skill development of 6th-semester Mechanical Department students. The institution remains committed to organizing such events that bridge the gap between theory and practice, preparing students for the evolving landscape of their respective fields.

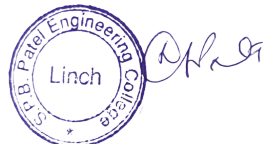
Photographs:

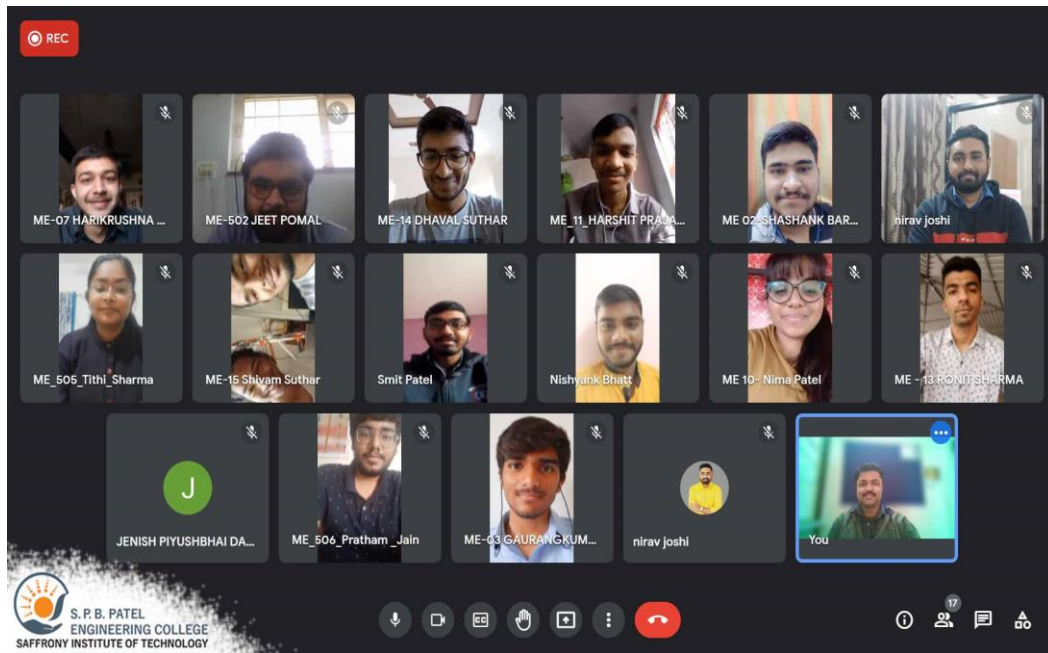






"Vertual Session"





"Virtual Session"

S.P.B. Patel Engineering College
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