

**A Webinar on
Lean Manufacturing and Industry Automation**

Date: 24th April 2021

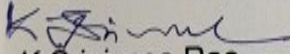
Time: 11.00 am to 1.30 pm

Venue: Mechanical Engineering Department Seminar Hall

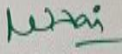
A Webinar on "Lean Manufacturing and Industry Automation" was organized by the Department of Mechanical Engineering in association with The Institution of Engineers India Students' Chapters on 24th April 2021 by Sri Yarlagadda Praveen Raj, Plant Manager, M/s Tofflon India Pvt Ltd, Hyderabad. About 194 Participants were registered from Faculty and Students of 3rd year B.Tech Mechanical Engineering.

The following topics were discussed by the Resource Person through ppts

Basics of Lean Manufacturing
Kaizen and Kanban system
Practices of 5's Japan most followed system
(1's-sort, 2's-set in order, 3's-shine, 4's- standardize, 5's- sustain)
Practices of JIT
DFMEA- Design Failure Mode Effective Analysis
Automation in India


K Srinivasa Rao

Faculty Advisor IEI


Dr. N. Vijaya Sai

Head of the Department

Professor & Head
Department of Mechanical Engineering
V.R. Siddhartha Engineering College
VIJAYAWADA-520 007.



A WEBINAR ON

**LEAN MANUFACTURING AND
INDUSTRY AUTOMATION**

24TH APRIL 2021

Sri Y. Praveen Raj

Plant Manager, M/s Tofflon India Pvt Ltd, Hyderabad

Organised by

The Institution of Engineers India Students' chapter

Department of Mechanical Engineering

V. R. Siddhartha Engineering College, Vijayawada-A.P.



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LEAN MANUFACTURING

- Basics of Lean manufacturing
 - 3 point formula
 - 2 up and 1 down
 - 2 up- a. Increase productivity b. Increase Quality
 - 1 down is Decrease lead time.
 - How to increase productivity



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 - How to increase productivity
 - Practice of 5s
 - Practice of JIT
 - Muda
 - Mura



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MAHINDRA TRACTOR PLANT



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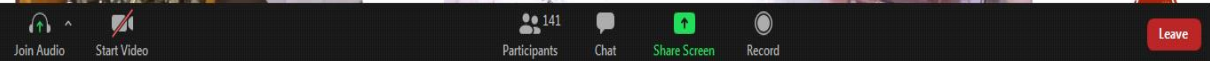


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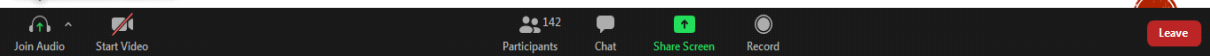


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KAIZEN AND KANBAN SYSTEM

- Kaizen- Continuous improvement- for the betterment of the product.
 - DFMEA
 - PDCA
 - Plan-Plan the work in advance
 - Do-Implementing the Changes
 - Check - Performance rating
 - Act- Standardize and start implementing
- Kanban Systems- Pull system
 - Reduce Muri

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MANUFACTURING PLANT



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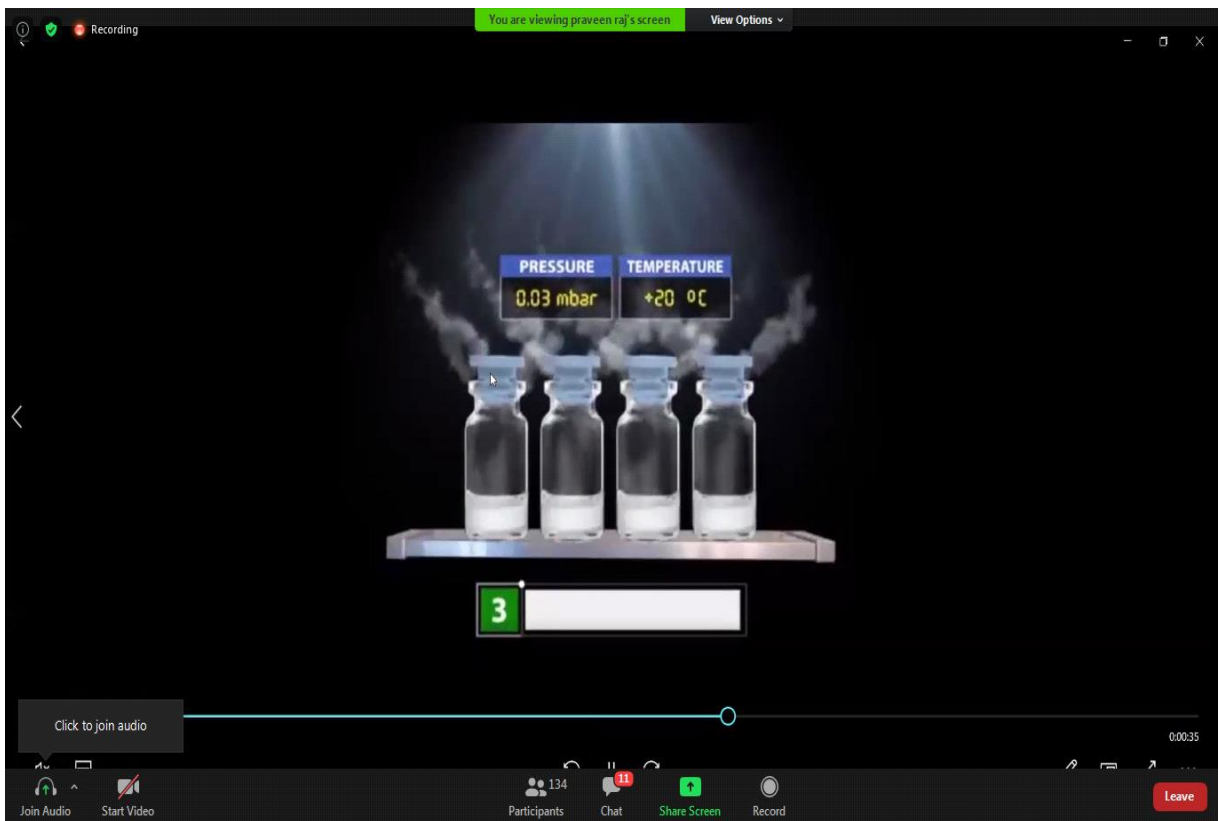
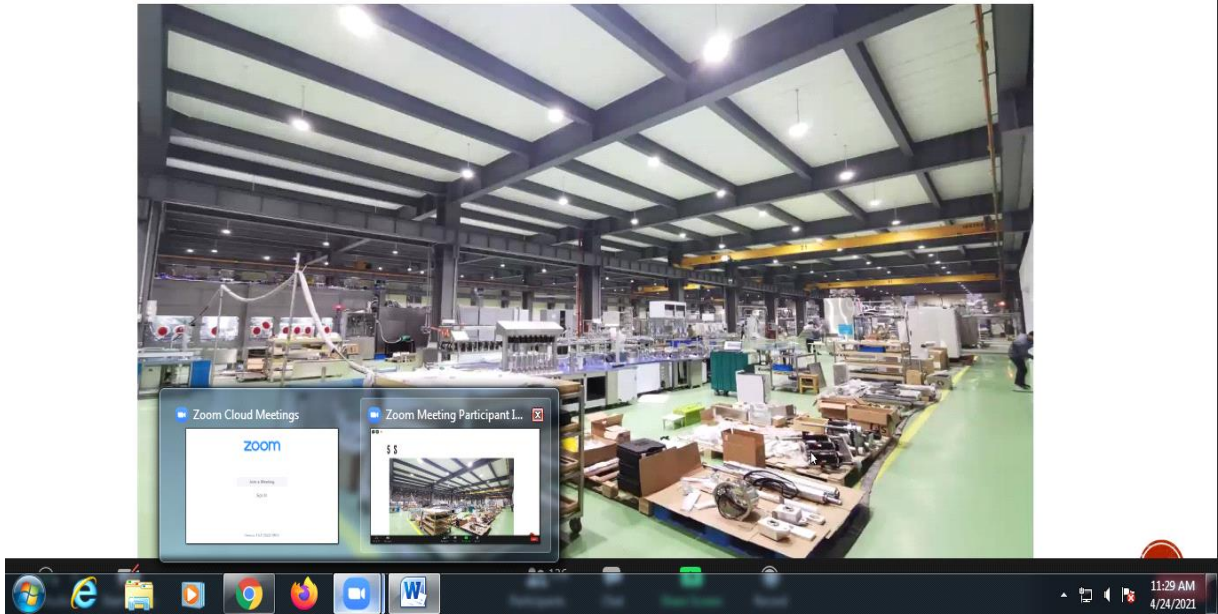
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Tofflon FREEZE DRYER CLASSIFICATION



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Tofflon EQUIPMENT PROCESSING

- Adopt 316L stainless steel plate, Trinity processing.



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SINOPHAM Chamber CIP

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