



Sonopant Dandekar Shikshan Mandal's

**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE  
AND M. H. MEHTA SCIENCE COLLEGE**

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date: 24/01/2022

To,

**Dr. T. AASIF AHMED**

Assistant Professor and Research Supervisor,  
Department of Economics, Maxharul Uloom  
(Govt. Aided) College (Affiliated to Thiruvalluvar University,  
Vellore, Tamil Nadu, India) Ambur-635802,  
Tiruppattur District, Tamil Nadu, India

**Subject: Letter of Appreciation**

**Respected Sir,**

We highly appreciated your valuable guidance as a resource person in the topic on "Industry 4.0" for Certificate Course in Industrial Economist, organized by Department of Business Economics to be held on **24<sup>th</sup> January 2022**, Monday at 3.30 pm via online Google Meet Meeting.

We are grateful to you for sharing your expertise and long standing experience with our students for inculcating interest in subject among the students.

We look forward for such knowledge session from you in future

**Thanking you,**

Yours truly,

(Dr. Kiran Save)

**Principal**

Sonopant Dandekar Arts College  
V. S. Apte Commerce College &  
M. H. Mehta Science College  
Palghar (W.T.)  
Dist - Palghar, Pin 401 404

## Online Guest Lecture on "Industry 4.0"

**Date of the event-** 24/1/2022

**No of students participated** -22

### **Introduction:**

Industry 4.0, also known as the Fourth Industrial Revolution, represents a paradigm shift in manufacturing and production processes, driven by advanced technologies such as the Internet of Things (IoT), artificial intelligence (AI), robotics, and big data analytics. This report aims to provide an overview of Industry 4.0, its key technologies, benefits, challenges, and implications for businesses and society.

### **Objectives:**

1. To elucidate the fundamental concepts and components of Industry 4.0.
2. To explore the benefits and potential of Industry 4.0 in transforming manufacturing and production processes.
3. To analyze the challenges and implications associated with the adoption of Industry 4.0 technologies.
4. To identify strategies for businesses to leverage Industry 4.0 effectively while mitigating associated risks.

### **Learning Outcomes:**

1. Understanding: Participants will grasp the fundamentals of Industry 4.0, including its key technologies and concepts.
2. Awareness: Participants will recognize the benefits and challenges associated with Industry 4.0 adoption.
3. Insight: Participants will gain strategic insights into leveraging Industry 4.0 for business growth while mitigating risks.
4. Competence: Participants will develop the competence to analyze and adapt to the evolving landscape of Industry 4.0, contributing to organizational success.



Dr. Yogesh Kulkarni

