

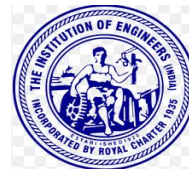
Department of Mechanical Engineering

Has Organised an Expert Talk On “Computer Integrated Manufacturing towards Industry 4.0”

For Diploma Students of Mechanical Engineering



In Association With



IEI Polytechnic Students Chapter

Dr. Ketan A Jagtap
Senior Lecturer,
Government Polytechnic, Nashik

The manufacturing industries are currently changing from mass production to customized production. The term **Industry 4.0** stands for the fourth industrial revolution which is defined as a new level of organization and control over the entire value chain of the life cycle of products; it is geared towards increasingly individualized customer requirements. Industry 4.0 is still visionary but a realistic concept which includes Internet of Things, Industrial Internet, Smart Manufacturing and Cloud based Manufacturing.

Friday,
23 Feb. 2024
10.00 am
Onwards.

- [1] To understand and aware the Industry 4.0 framework.
- [2] To identify the definition and drivers of the Industry 4.0 paradigm.
- [3] To know potential effect, and determine obstacles of the Industry 4.0.

Coordinators: Prof. V E Kothawade, Prof. N O Warbhe

Chief Coordinator: Prof. A P Vadnere, HOD-ME **Convener:** Dr. R S Narkhede, Principal

Glimpses of Expert Talk on “Computer Integrated Manufacturing towards Industry 4.0” organised by Department of Mechanical Engineering, MET’s Institute of Technology-Polytechnic, Nashik in association with IEI Polytechnic Students Chapter

Rationale of Program:

Digitization and intelligentization of manufacturing process is the need for today’s industry. The manufacturing industries are currently changing from mass production to customized production. The rapid advancements in manufacturing technologies and applications in the industries help in increasing productivity. The term Industry 4.0 stands for the fourth industrial revolution which is defined as a new level of organization and control over the entire value chain of the life cycle of products; it is geared towards increasingly individualized customer requirements. Industry 4.0 is still visionary but a realistic concept which includes Internet of Things, Industrial Internet, Smart Manufacturing and Cloud based Manufacturing. Keeping all these important aspects in view, Department of Mechanical Engineering has organised an Expert Talk on “Computer Integrated Manufacturing towards the Industry 4.0” in association with IEI Polytechnic Students Chapter.

Objectives of Expert Talk:

- [1] To understand and aware the Industry 4.0 framework.
- [2] To identify the definition and drivers of the Industry 4.0 paradigm.
- [3] To know potential effect, and determine obstacles of the Industry 4.0.

Resource Person: Dr. K A Jagtap, Sr. Lecturer, Department of Mechanical Engineering, Government Polytechnic, Nashik

Benefitaries: Diploma Students of Mechanical Engineering

Duration: 23 February 2024 (10.00 am Onwards)

Venue: Class Room No. 307, 3rd Floor



