

**GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)**

II - SEMESTER

**Course Title: Modern Shopfloor Practices**

(Course Code: 1323405)

<b>Diploma Programme in which this course is offered</b>	<b>Semester in which offered</b>
Mechanical (Manufacturing Technology)	Second Semester

<b>Module.</b>	<b>Topics</b>	<b>Hours</b>
Module 1	<b>5S</b> 1.1 Concept of 5S 1.2 Activities on 5S	3 h
Module 2	<b>Gemba</b> 2.1 Concept of Gemba 2.2 Meaning 2.3 Roles and Responsibilities 2.4 Gemba & Management 2.5 Manage Quality , cost and Delivery in Gemba 2.6 Rewards and Recognition	3 h
Module 3	<b>Kaizen</b> 3.1 Concept of KAIZEN 3.2 Examples	3 h
Module 4	<b>Poka Yoke</b> 4.1 Concept of Poka Yoke 4.2 Examples	2 h
Module 5	<b>Just In Time</b> 5.1 Concept of Just In Time	2 h
Module 6	<b>Introduction to TQM</b> 6.1 Concept of Just In Time	4 h
Module 7	<b>Introduction To TPM</b> 7.1 Introduction to TPM 7.2 7 Pillars of TPM	4 h
Module 8	<b>Muda, Mura &amp; Muri</b> 8.1 7 Wastes, In-consistencies identification reduction and elimination. 8.2 Identification and reduction of processes causing fatigue	3 h