

**GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)****II - SEMESTER****Course Title: Japanese Manufacturing Method - II**

(Course Code: 1323406)

<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	1.0 PQCD and 4M – JIM 3.1.2 2.0 Basic Quality control – QMS – JIM 3.1.3 3.0 Cost and Productivity for Manufacturing- JIM 3.1.4 4.0 Basis of Preventive Maintenance – JIM 3.1.5 5.0 Basis of a Production System- JIM 3.1.6 6.0 KYT and KYK – JIM 3.2.4 7.0 HIYARI – HATTO Activity – JIM 3.2.5 8.0 Purpose and Meaning of 5S – JIM 3.3.2 9.0 Seri of 5S – JIM 3.3.3 10.0 Seiton of 5S – JIM 3.3.4 11.0 Seiso of 5S – JIM 3.3.5 12.0 Kaizen Workshop Japanese ORIGAMI – JIM 3.3.6 13.0 QC Story 7 Tool and 5 Why – JIM 3.3.7 14.0 Four Principles (ECSR) of Kaizen- JIM 3.3.8 15.0 Basic Approaches to Increasing Productivity – JIM 3.3.9 16.0 Standardised Work- JIM3.3.10 17.0 Visual Control-JIM 3.3.11 18.0 PDCA Cycle for Kaizen- JIM 3.3.12 19.0 3M (MUDA/MURA/MURI) for Kaizen- JIM 3.3.13 20.0 Seven MUDA for Kaizen – JIM 3.3.14 21.0 HO-REN-SO for Communication –JIM 3.3.15 22.0 Team Work and QC Circle Activities –JIM 3.5.1	24 h