



GUJARAT TECHNOLOGICAL UNIVERSITY
Syllabus for Bachelor of Vocation (B.Voc), 2nd Semester
Branch: Production Technology
Subject Name: Engineering Graphics and Drawing Lab
Subject Code: 1120306

**With effective
from academic
year 2020-21**

Prerequisite: Zeal to learn the subject

Rationale: Engineering Drawing is an effective language of engineers. It is the foundation block which strengthens the engineering & technological structure. Moreover, it is the transmitting link between ideas and realization.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
			C	ESE (E)	PA (M)	ESE (V)	PA (I)	
0	0	3	3	0	0	30	20	50

Sr. No.	Topic	No. of Hours
1.	Practice Sheet: Types of Line, Dimensioning system, Scale, Universal circle method.	06
2.	Engineering Curves	03
3.	Projection of point, line and plane	03
4.	Projection of solid	03
5.	Development of Surface	03
6.	Orthographic drawing and Projection	06
7.	Isometric drawing and Projection	06
8.	Various symbols used in fabrications	03

List of Open Source Software/learning website:

<https://nptel.ac.in>