

# Govt. Polytechnic, Nawada

## Lesson Plan

Lecturer Name :- Prem Prakash

No of Week- 22

Subject :- Metrology & quality Control

Subject Code :- 1625504

Semester :- Vth

Branch :- Mechanical Engg.

<b>Unit-01 :- Introduction to metrology :</b>			
Sl. No.	Topic Coved	Duration required in hrs.	Platform
1.1	Metrology Basics	3	Google Classroom/vcs/youtube
1.2	Standards and Comparators	6	Google Classroom/vcs/youtube
1.3	Limits, Fits ,Tolerances and Gauges	6	Google Classroom/vcs/youtube
1.4	Angular Measurement	6	Google Classroom/vcs/youtube
Classl Test		2	GOOGLE FORM
<b>Unit-02 :- Threads and Gear Metrology :</b>			
Sl. No.	Topic Coved	Duration required in hrs.	Platform
2.1	Screw thread Measurements	3	Google Classroom/vcs/youtube
2.2	Gear Measurement and Testing	4	Google Classroom/vcs/youtube
Classl Test		2	GOOGLE FORM
<b>Unit-03 :- Testing Techniques :</b>			
Sl. No.	Topic Coved	Duration required in hrs.	Platform
3.1	Measurement of surface finish	3	Google Classroom/vcs/youtube
3.2	Machine tool testing	6	Google Classroom/vcs/youtube
Classl Test		2	GOOGLE FORM

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<b>Unit-04 :- Quality Control</b>			
Sl. No.	Topic Coved	Duration required in hrs.	Platform
A	Qualitly	5	Google Classroom/vcs/youtube
B	Total Quality Management	6	Google Classroom/vcs/youtube
C	ISO 9000 Series & other standards	5	Google Classroom/vcs/youtube
Classl Test		2	GOOGLE FORM
<b>Unit-05 :- Elementry Statistics &amp; it's application in quality control</b>			
Sl. No.	Topic Coved	Duration required in hrs.	Platform
5.1	Statistical Quality Control	11	Google Classroom/vcs/youtube
5.2	Acceptance Sampling	9	Google Classroom/vcs/youtube
Classl Test		2	GOOGLE FORM