



DEPARTMENT OF MECHANICAL ENGINEERING

ACTIVITY BASED LEARNING
ACADEMIC YEAR 2020-21

Course Code & Course Title : 19ME404/ MANUFACTURING TECHNOLOGY II
 Year/Sem/Branch : II/III/MECHANICAL
 Name of Faculty : Dr. KRIPA M SUVARNA
 Designation : ASSOCIATE PROFESSOR
 Unit Title : TURNING MACHINES
 Topic : TAPER TURNING AND THREAD CUTTING
 LO :
 Bloom's Taxonomy Level : APPLY – K2

S.No	Title	Description
1	Concept	Apply the constructional and operational features of centre lathe and other special purpose lathes
2	Challenges Faced	(Difficulties faced by students while it was taught in conventional method) <ul style="list-style-type: none"> In conventional method, students did not understand the concept and its importance The students become less involved in knowing about the concept.
3	Name of the Activity	LAB PRACTICALS
4	Description of the Activity	<ul style="list-style-type: none"> Introduction about the topic: https://drive.google.com/file/d/1HLuGQo48-HGMsU1Oy0DkupeXK1WCR5m-/view?usp=sharing Additional document was shared to the students to give them detailed introduction about the topic. Students were given a day to finalize their topic of case study and a week time to prepare and submit a detailed report on the same. Students presented their case study online
5	Feedback from Learners (Consolidated)	https://docs.google.com/forms/d/1hy1SulOV5y7hCSnF8Mvp8tID-PJ9s0BLwS9djr3tatQ/prefill
6	Feedback of the Faculty about this activity	(Previous experiences Vs Activity Based Teaching) <ul style="list-style-type: none"> Students were able to understand the importance of Lathe and its importance in mfg Students preparation on the topic helped them to know more about the topic (outside the syllabus)

Analysis Report Chart.

- Above 90% students found case study was interesting
- More than 85% of students rated above '4' for virtual lab learning

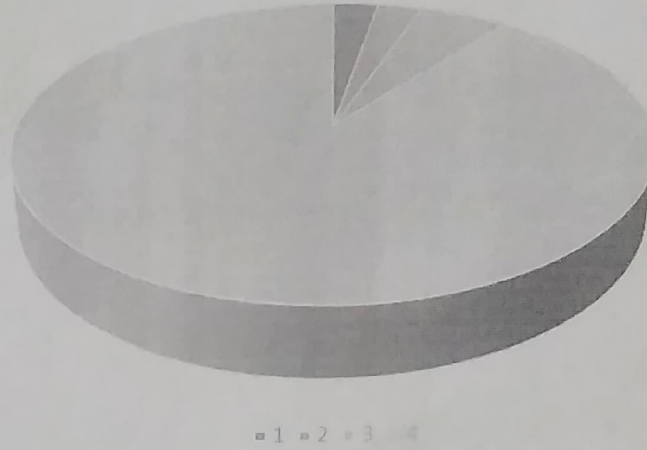
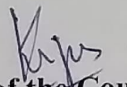
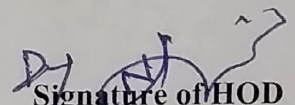


Fig-2 : Student ratings for the video lecture


Signature of the Course Faculty


Signature of HOD

Evidences/Proofs (To be attached along with this document)-Mandatory

{Photos taken during activity (or) Documents collected from Students (Charts, Crossword puzzles, Cards etc.,)}