

ACTIVITY NAME: GUEST LECTURE / SEMINAR

Title	Design and development of Gear Train
Date	13/10/2018
Name of Resource Person	Mr.Utkasth Kothari
Name of Faculty Coordinator	Mr.Amol S.Mali & Mr.Sushil Gaikwad
Venue	Theory of Machine LAB
Objectives	<ul style="list-style-type: none"> • To design New gearbox by using various gear parameters • To analyze various loading conditions of Gearbox • To Study the failure of gearbox. • Familiarize students with the components of gearbox
Description	A gearbox is the system of gears in an engine or vehicle. The gear box is the second element of the power train in an automobile. It is used to change the speed and torque of vehicle according to variety of road and load condition. A gear box changes the engine speed into torque when climbing hills and when the vehicle required. Sometimes it is known as torque converter.
Outcome	<ul style="list-style-type: none"> • Students will identify design parameters of gearbox • Students will generate Idea of New design of gearbox
CO/PO/PSO Mapping	Machine Design - CO1/ PO1, PO2/PS01
No. of Students Benefited	TE A 48

Glimpse

