

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING





Department of Mechanical Engineering Innovative Teaching Methods

Activity Title	Case Studies		
Faculty Name/Department	Dr.A. Saravanan / Mech		
Mapped Course Name & Code	ME8594 - Dynamics of Machines		
Date	05.11.2022		
Benefitted Students (Year / Sem / Dept)	IV / VII / Mech		
Topic	Case studies in Governor and its types.		
Description	The purpose of case studies is to ensure that students have a deeper learning experience when he is able to write the different types of governors and its fuel. He can able to achieve the thrust knowledge on governors and its importance. I Have tried to give questions in particular topic called as governors and its types of fuel efficiency by case studies concepts in nature for improving him knowledge. This Particular question improves the students knowledge to identify the major difficulties and solving techniques.		
Course Outcomes (CO)	CO5: Calculate the speed and lift of the governor and estimate the gyroscopic effect on automobiles, ships and airplanes and Analyze stabilization of sea vehicles, aircrafts and automobile vehicles.		
Performance Indicator (PI)	1.3.1		
Mail ID (for review)	mech.saravanan_a@msajce-edu.in		
Activity Photos	DEPARTMENT OF MECHANICAL ENGINEERING COVERNOR COVERNOR A powermer does the job far you by detecting changes in the load and adjusting the throttle to compensate. Your small engine contains either a mechanical governor, a poseumatic governor, or an electronic governor. The nains difference between the three is how they detect speed. TYPES OF OOVERNOR: Watt Governor (Simple Conical Governor) (i) The simplest form of a centralingal governor is Watt governor. Perter Comment (Simple Conical Governor) (i) The simplest form of a centralingal governor is Watt governor. Perter Comment (Simple Conical Governor) Types of Governor Types of Governor Types of Governor Types of Governor Fig.1 Types of Governor Fig.1 Types of Governor Fig.1 Types of Governor		



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Marks:

(if ITM is a group	Regd.No.	т .	
4: -4	1105011101	Topic	Marks
activity)		-	
TEAM A	311819114001		18
	311819114002		16
	311819114003		20
ТЕАМ В	311819114004		13
	311819114005		12
	311819114006		16
TEAM C	311819114007		15
	311819114008		12
	311819114009		13
TEAM D	311819114010		16
	311819114011	AXI	20
	311819114013		18
	311819114014) '	19
TEAM E	311819114015		20
	311819114016		18
TEAM F	311819114011	,	17
	311819114013	Case studies in	16
	311819114014	Governor's and	15
TEAM G	311819114015	its types	14
	311819114016		09
	311819114017		11
TEAM H	311819114018		15
	311819114019		13
	311819114020		14
TEAM I	311819114021		18
	311819114301		15
	311819114303		14
ТЕАМ Ј	311819114304		13
	311819114305		12
	311819114306		14
ТЕАМ К	311819114307		10
	311819114308		12
	311819114309		11
TEAM L	311819114310		11
I L/ MVI L	311819114311		10



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Outcomes:

The major benefit for case studies is writing the particular study with the aid of external sources such as magazine refers or google scholar articles and journals to build a deeper understanding of the topic of work-study learning. This contrasts with more passive learning experiences, such as lectures, because students are actively involved in the construction of the knowledge they acquire. In the process, they build a better understanding, with teachers coaching them along and helping them to expand upon their knowledge. This improves the student's interest in the Internal Assessment Test.

