



**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	<p>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.</p> <p>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.</p>
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	<p align="center"><b>Fig 1 Types of Governor</b></p>

**Marks:**

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



**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.

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