

**Department of Mechanical Engineering  
Innovative Teaching Methods**

Activity Title	Role Play
Faculty Name/Department	Mr Sakthivel D / Mechanical Department
Mapped Course Name & Code	ME8593 / Design of Machine Elements
Date	06/09/2022
Benefitted Students (Year / Sem / Dept)	III Year / V / Mech
Topic	Couplings.
Description	<p>Design of Coupling concept is explained by role-play exercises by the students. The students assumed the role of the following,</p> <p>Student 1: Introduction of Couplings. Student 2: Types of Couplings. Student 3: Various Requirements and Application of Couplings.</p> <p>The students performed their roles in front of their classmates. This activity helped the students understand the Design of couplings</p>
Course Outcomes (CO)	CO2: Apply the concepts design to shafts, key and couplings.
Performance Indicator (PI)	1.3.1
Mail ID ( for review)	mech.sakthivel@msajce-edu.in
Activity Photos	

**Topics/ Questions:**

1. Introduction of couplings.
2. Types of Couplings.
3. Various Requirements and Application of Couplings.

**Marks:**

Group Name ( if ITM is a group activity)	Reg No.	Topic	Marks		Total
			Presentation (10)	Subject Knowledge (10)	
A	311819114002, 311819114007, 311819114010	Couplings.	9	9	18
B	311819114009, 311819114012, 311819114021	Couplings.	10	9	19

**Outcome:**

Better understanding of the Coupling, Various types, and various application of Couplings.