

# Name of Innovative Active Learning Technique

**Course Name and Code : ME3883 Total Productive Maintenance**

**Class and Div. : T. Y. B. tech. (Mech.) (program Elective)**

**Department : Mechanical Engineering**

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## Purpose and Motivation

- To segmentize the lectures.
- To promote active participation of students

## Suitability of Technique to course

- Spread Quiz is most suitable technique for the 100% theory courses like TPM.

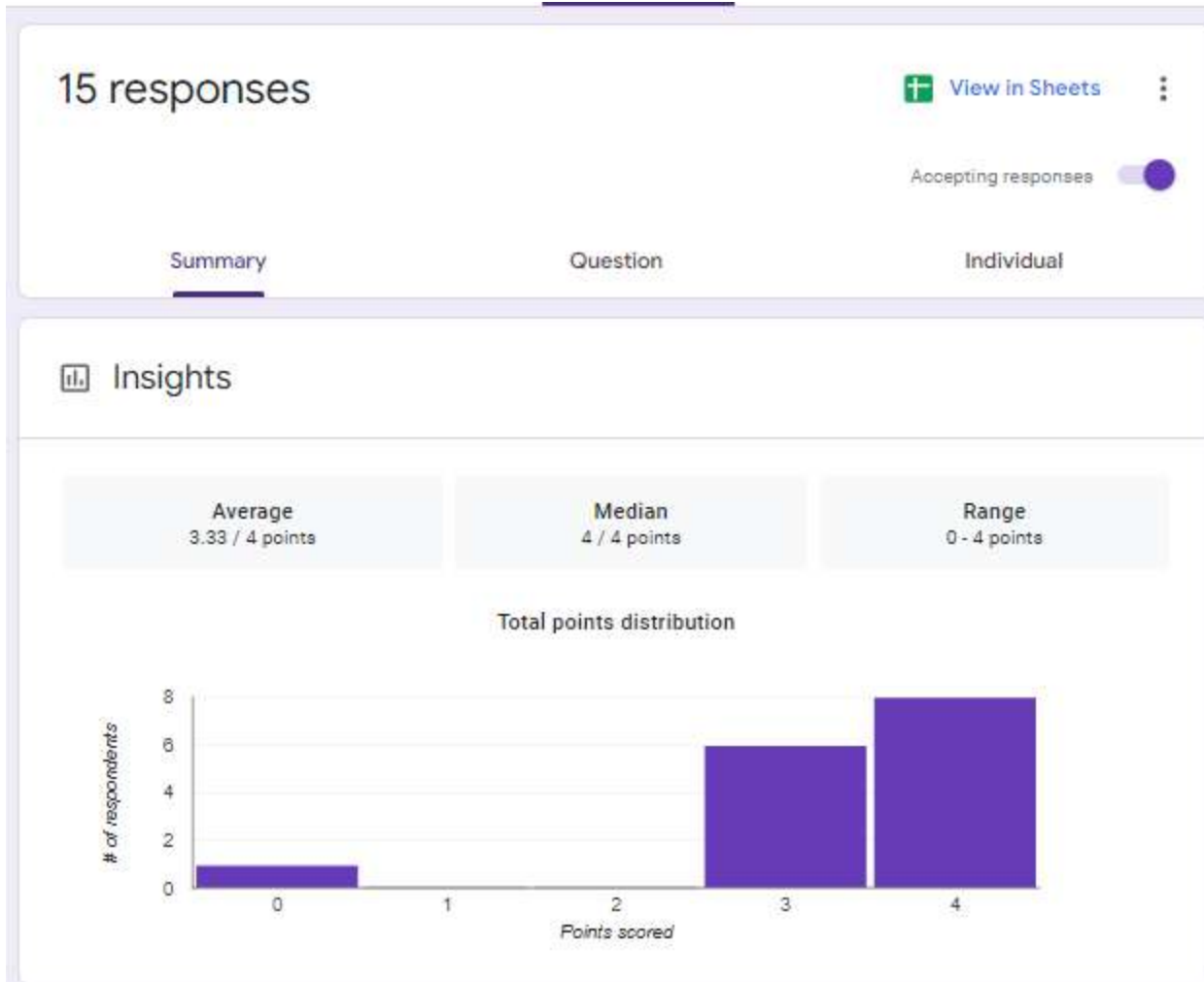
# Procedure of Technique

- Explaining the technique to the students at the beginning of semester.
- Conducting the online quiz during lecture.
- Assessing the quiz within 2-3 days.
- Communicating the marks of the quiz through Google sheet.
- Communicating the cumulative marks of the quizzes through Google sheet.

## Outcomes of Technique

- Improved participation of the students
- Improved performance of the students
- Improved attendance of the students

# Photographs and Student Response



# Photographs and Student Response

PRN	1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	2.5	3.1	3.2	4.1	4.2	5.1	5.2	5.3	5.4	Total	Out Of 10
2005059	0	0	0	2	0	4	4	4	4	0	0	0	4	3	0	4	4	33	4.852941
2006006	0	3	4	4	2	4	4	0	4	4	0	4	4	3	3	3	4	50	7.352941
2006010	4	4	4	4	4	4	4	4	3	4	4	4	4	3	4	4	4	66	9.705882
2006011	3	4	4	4	0	4	3	3	0	4	0	4	0	3	0	4	4	44	6.470588
2006020	4	3	4	4	3	4	4	4	0	0	4	4	4	3	4	4	4	57	8.382353
2006030	3	3	4	4	3	4	4	4	3	4	0	4	4	4	4	3	4	59	8.676471
2006039	4	4	4	4	0	4	0	4	0	0	0	4	0	4	0	3	4	39	5.735294
2006057	0	0	0	0	3	4	4	4	0	4	4	0	4	4	4	4	4	43	6.323529
2006061	4	3	2	4	3	4	4	4	3	4	4	3	4	3	4	4	4	61	8.970588
2006069	4	4	4	4	4	4	4	4	4	0	4	0	4	4	4	4	4	60	8.823529
2006076	4	0	4	4	4	4	3	4	3	4	4	4	4	4	4	4	4	62	9.117647
2006078	4	4	4	3	3	4	3	4	3	4	4	3	4	3	3	4	4	61	8.970588
2006109	4	4	4	4	3	0	0	3	0	0	0	3	4	3	3	4	4	43	6.323529
2006114	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	67	9.852941
2006121	0	0	0	4	3	4	4	4	0	2	4	0	4	4	4	4	4	45	6.617647
2156020	4	4	4	4	3	4	4	4	4	4	4	3	4	3	3	3	4	63	9.264706
2156022	4	4	4	4	4	4	4	4	3	4	0	3	4	3	3	4	4	60	8.823529



THANK YOU!!!!