



Department of Electronics and Communication Engineering
Innovative Teaching Methods

Activity Title	Case Study
Faculty Name/Department	Dr.S.Prasath /Mech
Mapped Course Name & Code	OMF751-Learn Six Sigma
Date	14/10/2022
Benefitted Students (Year / Sem / Dept)	IV/VII/ECE
Topic	Fish bone diagram
Description	<ul style="list-style-type: none">• To develops students ability to identify and distinguish between critical and extraneous factors.• Students apply course content knowledge, reflect on what they know and their approach to analyzing, and make sense of a case.
Course Outcomes (CO)	CO1: To gain insights about the importance of lean manufacturing and six sigma practices
Performance Indicator (PI)	1.4.1
Mail ID (for review)	mech.prasath@msajce-edu.in

Topics/ Questions:

- Improving production efficiency in Manufacturing plant using Fish bone diagram
- Application of Integrated FMEA and fish bone analysis in semi conductor industry
- Alleviating traffic congestion in a city
- Analysing Reduced Productivity in an office using Fish bone diagram
- Reducing down time in Manufacturing facility using Fish bone diagram

Marks:

Reg No.	Name of the student	Topics	Total Marks
			(10)
311820106013	Madhivanan .S	Improving production efficiency in Manufacturing plant using Fish bone diagram	9
311820106007	Carol Persy.N		10
311820106002	Abitha.B		10
311820106001	Abinaya.K		10
311820106009	Janani E		10
311820106003	Aflal Ahmed.M		9
311820106006	Basharathulla.K		9
311820106010	Jaseem mohameed.P		10
311820106306	Mohameed Nayem.B	Application of Integrated FMEA and fish bone analysis in semiconductor industry	10
311820106021	Sharukh Fakrudeen.K	Alleviating traffic congestion in a city	10
311820106011	Kishore.S		10
311820106005	Amudeshwaran.S		10
311820106302	Fouzia Jabeen		10
311820106004	Ahmed syed semar		
311820106012	Kamali.D	Analysing Reduced Productivity in an office using Fish bone diagram	10
311820106016	Nirmal K	Reducing down time in Manufacturing facility using Fish bone diagram	9
311820106014	Mohammed Mukshith.N		9
311820106022	Shaik Abdulla A.S		9
311820106025	Thanveer sheriff.A		9

Outcome:

- Student would be able to relate the tools and techniques of learn sigma to increase productivity
- Students will able to analyze the problems in the productivity,