

DEPARTMENT OF MECHANICAL ENGINEERING

VLCI-Module -4 Execution Plan:

Title: Introduction of Flow Management System

Session	Topic	No of Hrs / Chapter	How Much	How
1	Overview of Module 1, II & III review	4	2	Presentation
	Best learning from module I,II & III		2	Five Step Discovery Process
Introduction of Flow Concept				
2	What is flow? – Pics/Videos and open-ended question	9	2	PPT
	*What is flow vs Process			PPT
	*Improved flow			PPT
	Flow concept – conclusion summery		1	PPT
	Understanding flow			PPT
	Material flow and example		2	PPT
	Exercises		4	Practical
Introduction to VMAPQ				
3	What is VMAP-Q	4	1	PPT
	Objective of making VMAP-Q			
	Meaning of RM,FG and WIP store		3	Practical
	Observation material flow not process flow			

Making VMAP-Q of flow at Canteen				
4	Data collection & observation during visit to canteen	12	1	Practical
	Guidelines for safety hazards & cleanliness			Practical
	*Preparation of VMAP-Q		1	Practical
	*Visualize Kitchen layout of a location on chart		1	Practical
	*Visualize RM & FG Store			Practical
	* Visualize location of WIP			Practical
	*Visualize main material flow			Practical
	*Identify safety hazards & cleanliness observation in 4W-1H		7	Practical
	*Making of A4 Sheet & conclusion (Chart Preparation)			Practical
	*Place all sheets & add arrows when necessary			1
	*Presentation		1	Practical
Visualizing Material Flow at Factory				
5	Material flow comparison kitchen vs Factory	12	1	PPT
	Data collection & observation during visit to factory			Practical
	Guidelines for safety hazards & cleanliness observation		1	Practical
	*Preparation of VMAP-Q		1	Practical
	*Visualize Kitchen layout of a location on chart			Practical
	*Visualize RM & FG Store			Practical
	* Visualize location of WIP			Practical

	*Visualize main material flow			Practical
	*Identify safety hazards & cleanliness observation in 4W-1H		7	Practical
	*Making of A4 Sheet & conclusion (Chart Preparation)		1	Practical
	*Place all sheets & add arrows when necessary		1	Practical
	*Presentation			Practical
	Introduction of Waste			
6	Introduction of waste (Introductory video)	6	1	PPT
	Define waste understanding of waste			PPT
	Type of waste			PPT
	Focus only three waste (Example)		1	Practical
	Waste clarification			PPT
	Class room simulation			4
Total Hours			45	
7	Home Work and Follow-up			Practical
Total No Hours			45	Practical