



Lean Professional

Sr.	Topics : DAY 1	Sessions
1	INTRODUCTION (Operations and Production management concepts, Lean principles and TPS, Understanding the Takt, Lean Capacity planning and SLP & Line balancing with the Case study) Team formations (3 / 4 teams of 8 participants)	105 Min
2	Lean Game : Round I Traditional setup, Participant Teams playing on their own.	120 Min
3	Why LEAN Brainstorming on the results of the Game round resulting in to understanding of why Lean and the LEAN tools. Concept of 3 “Mu”s & 7 Type of wastes.	105 Min
4	5“S” And Visual Management Production Pyramid & The foundation, Understanding the 5S and VM	120 Min



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Sr.	Topics : DAY 2	Sessions
1	VSM : Value Stream Mapping Cocept of value, VA and NVA, Value Engineering, VSM, Examples, Case study and Discussions	105min
2	Single Minute Exchange of Dies The SMED concept, Case study, Examples and ways to implement in various environments. Case study on OEE	120min
3	TQM & POKA YOKE The TQM concept understanding. Defect elimination by POKA YOKES, ways to design POKA YOKES, examples, videos and cases.	60min
4	PULL System and KAN BAN Understanding the through out PULL, Toyota model, Kan Ban and its implementation. Kan Ban Game to clearly understand the concepts.	120min



Industrial Engineering Ergonomics and Maynard Operation Sequence Technique (MOST)

Sr.	Topics : DAY 3	Sessions
1	What is MOST? Why it is Important Types of Basic MOST	105 Min
2	Case studies on MOST	120 Min
3	Industrial Engineering and Ergonomics Principles of Ergonomics	105 Min
4	Tools of Ergonomics for assessment of workplace RULA and REBA	120 Min



Total Quality Management

Sr.	Topics : DAY 4	Sessions
1	What are the areas which this program will touch? The history The DMAIC approach Fundamental principles of DMAIC The concept of TQM Antecedents of modern Quality Management Quality & Business Performance	120min
2	Service Quality vs Product Quality Involvement of Top Management and their attitude Communication and culture of TQM Strategic Quality Planning Overall Process Flow of a DMAIC project	120min
3	Managing Process Quality Customer focus and Quality Management Concept of Benchmarking as a Quality Tool Organizing for TQM Productivity and Quality	120min
4	Cost of Quality as a Quality tool Criteria for Quality programs Six Sigma as a Quality tool	120min



Production Planning & Control (PPC) and Sales & Marketing

Sr.	Topics : DAY 5	Sessions
1	Marketing & Sales: Consumers have predefined and /or dynamic needs Organization has to marry its Goal to consumers needs Difference between Marketing & Sales	120 Min
2	Who comes first, marketing or Sales? 7 P's of marketing : Product, Price, Place, Promotion, People, Process, Physical evidence Sales	150 Min
3	Production Planning & Control (PPC) PPC KRA's B2B, B2C	120 Min
4	VATI Manufacturing model Aggregation benefit Strategic Inventory positioning Colour based quantity buffer Gantt Chart	120 Min