

Department of Management  
Amrita Vishwa Vidyapeetham  
Amritapuri

Course Title:	Lean Operations
Credits:	3
Total Sessions:	24
Course Instructor:	Maheshwar Pratap
Contact Information:	<a href="mailto:maheshwarp@am.amrita.edu">maheshwarp@am.amrita.edu</a>
Office hours:	Weekdays 9:00AM to 4:00PM

## Course Description

The Lean Course offers a practical introduction to lean management principles and techniques. The course is tailored to help the participants' implement lean manufacturing in business environment to improve productivity, business resilience, and to reduce waste. The course is designed for service, retail, office, public organization, and all members of staff in manufacturing firms, when they are in managerial functions.

The course is divided into three parts – the class discussions, book presentation and the online course. The session plan is shared in advance with the students so that they are prepared for the class.

The classes will use discussions and video clippings predominantly, supported with lectures. Though the course is focused on strategy, techniques will also be practiced. Tutorials allow for problem solving practice. The students shall work in groups on the assigned topic to work on a live project. This exercise is to give the students an opportunity to identify and use appropriate information and to practice application skills.

## Assessment (Grading Policy: Relative)

S. no	Assessment exercise	Description	Weight
<b>Individual assessment</b>			
1	Class Discussion	<i>Students are assigned class preparation work for each module; They bring with them to the class 3 questions from the assigned work, for which they look for answers in the session</i>	15%
2	Online Exam	<i><a href="https://www.udemy.com/lean-six-sigma-yellow-belt/">https://www.udemy.com/lean-six-sigma-yellow-belt/</a></i>	15%
3	Final Exam	<i>A comprehensive exam with emphasis on analyzing, evaluating and critiquing</i>	30%
<b>Group Assessment</b>			
1	Book Presentation	<i>The Lean Startup: Each group is expected to present a chapter from the book as per the session plan</i>	15%
2	Group Project	<i>Application of lean concepts to a live case.</i>	25%

## Course Text

The Lean Start Up by Eric Reis.