

Operations Management

Credits	3.0
Faculty Name	Manimay Ghosh, mghosh@ximb.ac.in , 6647737
Program	1 year MBA (Executive Post Graduate Degree), FT
Academic Year and Term	2019-2020, Term 2

1. Course Objective: The scope of OM ranges from strategic to tactical and operational levels. Representative strategic issues include determining the forecasting, capacity, location, and layout of manufacturing plants. Tactical issues include aggregate planning. Operational issues include, inventory management, quality control, MRP, and Lean Manufacturing.

2. Learning Outcomes: On successful completion of this course, students will be able to:

1.4. Demonstrate understanding of elements of operations.

3. Required Text Book:

Operations Management, Stevensons, 12th Ed, McGraw Hill, 2015

4. Tentative Session Plan:

Session No.	Topics	Pre-reading*
1,2,3	Forecasting	Chap 3
4,5	Capacity Planning	Chap 5
6	Plant Location	Chap 8
7,8	Plant Layout	Chap 6
9,10,11	Inventory Management	Chap 13
12,13	Aggregate Planning	Chap 11
14,15	MRP	Chap 12
16,17	Quality Management	Chap 10
18	Lean Manufacturing	Chap 14
19,20	Group Presentation	

5. Evaluation:

1. Online Quiz 1	(Individual)	: 15 %
2. Online Quiz 2	(Individual)	: 15 %
3. Class attendance/participation		: 10 %
4. Assignment (group)		: 20 %
5. Final exam (hard copy)		: 40 %
TOTAL		: 100 %

6. Academic Integrity: Utmost care is taken as to maintain class decorum, follow the exact evaluation norms, conduct fair examinations, fair and transparent evaluation of examination papers so as to maintain the highest level of academic integrity.

7. Assignment: Each group (3 members per group) has to critique, present the article from an academic journal (published between 2013-18), and submit a report. The article selected can be from any one of the following areas:

- a. Forecasting
- b. Capacity
- c. Plant location
- d. Plant layout
- e. Lean manufacturing
- f. Quality management
- g. Inventory management

The typed report should not be more than 4 pages long (excluding the cover page). You should summarize the article and comment on its strengths and weaknesses. On the cover page, you must mention the title of the article, author's name, journal name, year of publication, volume no, issue no. and page no and each individual's name with roll nos. **A soft copy of the report is required.**

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