

NIRMA UNIVERSITY
Institute of Management
Master of Business Administration (Full Time) Programme/
Integrated Bachelor of Business Administration-Master of Business
Administration Programme/
Master of Business Administration (Family Business &
Entrepreneurship) Programme

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| Course Code | MFT5SEOQ17 MBM5SEOQ17 MFB5SEOQ15 |
| Course Title | World Class Manufacturing |

Course Learning Outcomes (CLO):

At the end of the course, the students will be able to:

1. Outline what world class in manufacturing mean
2. Identify the role of manufacturing as a competitive strength in a global marketplace
3. Determine future strategies to ensure competence of the manufacturing operations

Syllabus

Teaching Hours

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| <p>Unit I: Introduction</p> <ul style="list-style-type: none"> • Introduction of World-Class Manufacturing • The Practices of World-Class Manufacturing | 3 |
| <p>Unit II: World Class Quality, Design</p> <ul style="list-style-type: none"> • Quality in World-Class Manufacturing • Design Leverage; Staff as supporting pillars | 4 |
| <p>Unit III: World Class Maintenance</p> <ul style="list-style-type: none"> • Total Productive Maintenance; • Simple Models and Simple Systems; Managing Transformation to WCM | 4 |
| <p>Unit IV: Future Strategies</p> <ul style="list-style-type: none"> • Training and Catalyst • Future Strategies: Graphing the Basics, Getting Unstuck • Trickle Down / Pushing Up | 4 |

Suggested Readings:

1. Schonberger, R.J., World Class Manufacturing, The Free Press
2. Sahay, B.S., Saxena, K.B.C., and Kumar A., World Class Manufacturing: A Strategic Perspective, Laxmi Publications
3. Mahisekar, D., World Class Manufacturing - Elementary Concepts, Everest Publishing House.

w.e.f. Academic Year 2019-20 and onwards