

Rules and Regulation

Master of Technology Management Course



North Maharashtra University, Jalgaon

W.e.f. 2013-14

Master of Technology Management Course

1.1 Objective:

- ❖ To create technologists and engineers from all branches ready with management skills
- ❖ To ensure that the graduating students are 'industry ready' with managerial skills
- ❖ To inspire students to start and run own ventures in their basic field of study with good business skills & knowledge

1.2 Degree Awarded

- ❖ This course is five and half year integrating management course with undergraduate course in engineering with a six month internship leading to Bachelor's Degree in Engineering or Technology after successful completion of 4 years (8 semesters) and Master Degree in Technology Management after successful completion of 5 years (10 semesters).

1.3 Credit Requirement

- ❖ Completion of 24 Credits in management subjects during semester 3 to 8 (one subject/semester) along with bachelor degree curriculum.
- ❖ Completion of 48 credits at 9th and 10th semester and completion 20 credits at 11th semester (6month project work internship in the discipline).

1.4 Eligibility Criteria for Admission in Fifth Year

- ❖ Student has to complete minimum **16** Credits of Master of Technology Management related subjects during semester 3 to semester 8 for admission to fifth year of master of technology management course.
- ❖ Credits related to Master of Technology Management subjects shall not be counted for deciding eligibility criterion for regular bachelor degree from 2nd year to 4th year.

1.5 Duration and Entry Level Qualification / Eligibility:

Duration:

The course shall be of a total period of 5 ½ years including ten semesters of curriculum. Followed by one semester of industry internship.

Entry qualifications / Eligibility:

Entry level qualifications shall be same as prescribed for admission to bachelor degree in bachelor of engineering or technology course.

Student selection for this course shall be done at the start of 3rd semester based on course wise merit of the first year result of the respective discipline

1.6 Course Structure:

- ❖ Semester –I and II as per existing Bachelor of Engineering / Bachelor of Technology (B.E. /B. Tech.) structure 2012-13(CGPA)
- ❖ Semester-III to Semester –VIII as per the existing Bachelor of Engineering / Bachelor of Technology (B.E. /B. Tech.) structure 2012-13 (CGPA) and one additional management subject in each semester.
- ❖ Semester-IX to Semester-XI is devoted to full time management course in technology management.

1.7 Evaluation

- ❖ Continuous assessment based on internal evaluation. Internal evaluation shall be based on minimum one sessional examination /semester, class assignments, group discussions and semester attendance.
- ❖ End semester examination

1.8 Exit from the course :

Student can discontinue the said course after 4th year completion leading to bachelor degree in respective discipline

Master of Technology Management Course Structure

SE Semester –III

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
					Theory			
		Theory Hrs/Week	Tutorial Hrs/Week	Total	ISE	ESE	Total	
Principles and Practices of Management	MTM01	04	--	04	20	80	100	04

SE Semester –IV

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
					Theory			
		Theory Hrs/Week	Tutorial Hrs/Week	Total	ISE	ESE	Total	
Accounting for Managers	MTM02	04	--	04	20	80	100	04

TE Semester –V

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
					Theory			
		Theory Hrs/Week	Tutorial Hrs/Week	Total	ISE	ESE	Total	
Managerial Economics	MTM03	04	--	04	20	80	100	04

TE Semester –VI

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
					Theory			
		Theory Hrs/Week	Tutorial Hrs/Week	Total	ISE	ESE	Total	
Entrepreneurship Development & Project Management	MTM04	04	--	04	20	80	100	04

BE Semester –VII

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
		Theory Hrs/Week	Tutorial Hrs/Week	Total	Theory			
					ISE	ESE	Total	
Business Environment	MTM05	04	--	04	20	80	100	04

BE Semester –VIII

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
		Theory Hrs/Week	Tutorial Hrs/Week	Total	Theory			
					ISE	ESE	Total	
Creativity and Innovation for Business Development	MTM06	04	--	04	20	80	100	04

MTM Semester –IX

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
		Theory Hrs/Week	Tutorial Hrs/Week	Total	Theory			
					ISE	ESE	Total	
Human Resources Management	MTM07	04	--	04	20	80	100	04
Operations Management	MTM08	04	--	04	20	80	100	04
Financial Management	MTM09	04	--	04	20	80	100	04
Marketing Management	MTM10	04	--	04	20	80	100	04
Legal Aspects of Business	MTM11	04	--	04	20	80	100	04
Elective –I		04	--	04	20	80	100	04
Total		24	--	24	120	480	600	24

MTM Semester –X

Name of the course	Course Code	Teaching Scheme			Evaluation Scheme			Credits
					Theory			
		Theory Hrs/Week	Tutorial Hrs/Week	Total	ISE	ESE	Total	
Business Ethics & CSR	MTM12	04	--	04	20	80	100	04
Production & Operations Management	MTM13	04	--	04	20	80	100	04
Case studies in Management (HR/Marketing/Finance/Operation)	MTM14	04	--	04	20	80	100	04
International Business	MTM15	04	--	04	20	80	100	04
Research Methodology	MTM16	04	--	04	20	80	100	04
Elective-II		04	--	04	20	80	100	04
Total		24	--	24	120	480	600	24

List of Electives

Subject code	Elective -I	Subject code	Elective –II
MTME -1	International Economics	MTME -10	Manufacturing Management Technology
MTME-2	Hospital Management	MTME-11	Management of R&D and Innovation
MTME -3	International Finance	MTME -12	Supply Chain Management
MTME-4	Corporate Finance	MTME-13	Inventory Management
MTME -5	Taxation- Direct and Indirect	MTME -14	Infrastructure Management
MTME-6	Human Resource Management	MTME-15	Advanced Project Management
MTME -7	Labour law	MTME -16	Project Appraisal
MTME-8	Organizational Dynamics	MTME-17	Facilities Management
MTME -9	Managing Changes	MTME -18	Risk & Value Management

* Few more electives may be included as per recent trends

MTM Semester-XI

Subject Code	Subject	Workload	Credits
MTM17	Project Report		15
MTM18	Viva Voce of Project		5

Project marking scheme

Project work	Marks	Viva Voce	Marks
Project work	30	Project contents	20
Experimental work	60	Presentation / Communication	20
content	20	Discussion	20
Presentation and communication	40	Conclusion	40
Results and conclusion	50		
	200		100
Total Marks = 300			