

# UNIVERSITY OF MUMBAI



## Bachelor of Engineering

### Production Engineering

Final Year (Sem. VII)

Revised Syllabus (REV- 2012)

w. e. f. Academic Year 2015-2016

Under

## FACULTY OF TECHNOLOGY

(As per Semester Based Credit and Grading System)

**B. E. (Production) Sem.-VII**

Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned				
		Theory	Pract.		Theory	Pract.	Total		
PEP701	Industrial Training and Project	--	5*8=40		--	20	20		
Course Code	Course Name	<b>Examination Scheme</b>							
		<b>Theory</b>					Term Work	Pract./ Oral	Total
		<b>Internal Assessment</b>			End Sem. Exam.	Exam. Duration (in Hrs)			
		<b>Presentation</b>		Avg.					
		Stage 1	Stage 2						
PEP701	Industrial Training and Project	50	50	50	--	--	100	50	200
<b>Total</b>		--	--	<b>50</b>	--	--	<b>100</b>	<b>50</b>	<b>200</b>

\* Industrial training and Project report should be of 24 weeks. (Learners load -8hours a day and 5days a week translates into 40 contact hours per week)

**Workload of Teacher: Contact teacher hours for project guidance – One hour per student per week.**

Course Code	Course/Subject Name	Credits
<b>PEP701</b>	<b>Industrial Training and Project</b>	<b>20</b>

### Objectives

1. To help to correlate the lessons learnt in theory and actual practices followed in the industries.
2. To expose to an industrial environment.
3. To get tuned to work under the atmosphere of factory discipline.
4. To make aware of the psychology of the workers, their habits, attitudes and to prepare them to approach the problems, considering the practices followed in an industry.
5. To make appreciate the need for a co-ordinated effort of various persons at different levels in different departments for achieving the set goals and targets.

### Outcomes: Learner will be able to...

1. Get familiarized with various technological trends, approaches and applications along with managerial exposure.
2. Appreciate and realize the size and scale of operations in Industry.
3. Get an opportunity to apply their knowledge in problem solving and eventually develop that skill.
4. Demonstrate understanding of relevant application oriented subjects in a better prospective.
5. Demonstrate understanding of various constraints of time and cost, within which goods are produced and services rendered in a specified quantum.
6. Describe the scope, functions and job responsibilities in various departments of an organization.
7. Develop a positive attitude, which will bring in a visible change in their approach while dealing with technical and interpersonal issues.

### Guidelines for Evaluation/Assessment

The total duration for each presentation shall be maximum 30 minutes, inclusive of 20 minutes for presentation and 10 minutes for discussion. 50 marks each for stage I and stage II to be awarded based on the points furnished below and as per the discretion of the internal project guide.

1. Content of the presentation.
2. Presentation skill.
3. Interest taken, personal involvement and contribution.
4. Headway/progress made in the project execution.

### Evaluation/Assessment of the Term Work

1. Introduction, Acknowledgements, references.	}	15
2. Company background/ activities.		
3. Training areas / Training details.		
4. Synopsis / Abstract of the Project.		
5. General presentation, neatness and accuracy of the data furnished.		15
6. Technical contents of the report with data / observations, graphs, drawings, etc		25
7. Quality of work carried out and details furnished based on personal Observations/involvement.		35
8. Result/ Conclusion.		10
		100
	Total -	100

**Note: Report shall be prepared using University of Mumbai approved Guidelines.**