

 MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES																
COURSE NAME : DIPLOMA MECHANICAL ENGINEERING (SANDWICH PATTERN)																
COURSE CODE : MH																
DURATION OF COURSE : 8 SEMESTERS										WITH EFFECT FROM 2012-13						
SEMESTER : FIFTH										DURATION : 20 WEEKS						
PATTERN : FULL TIME - SEMESTER										SCHEME : G						
SR. NO.	SUBJECT TITLE	Abbreviation	SUB CODE	TEACHING SCHEME			EXAMINATION SCHEME									
				TH	TU	PR	PAPER HRS	TH(01)		PR(04)		OR(08)		TW(09)		SW (18500)
								MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
1	Inplant Training	ITL	17097	--	--	40	--	--	--	--	--	100#	40	150@	60	--
TOTAL				--	--	40	--	--	--	--	--	100	--	150	--	--
40 HRS. PER WEEK INDUSTRIAL TRAINING / INPLANT TRAINING.																
TOTAL MARKS : 250																
@ Internal Assessment, # External Assessment, No Theory Examination.																
ABBREVIATIONS: TH – THEORY, TU – TUTORIAL, PR – PRACTICALS, OR –ORAL, TW – TERMWORK.																
All assessment of Practical, Oral and Term work are to be done as per the prevailing norms of implementation and assessment.																
Note - Duration of Inplant training /Industrial training will be 20 weeks.																

Course Name : Diploma in Mechanical Engineering Group (Sandwich Pattern)

Course code : MH

Semester : Fifth

Subject Title : Inplant Training

Subject Code : 17097

Teaching and Examination Scheme:

Teaching Scheme			Examination Scheme					
TH	TU	PR	PAPER HRS	TH	PR	OR	TW	TOTAL
--	--	40	--	--	--	100#	150@	250

Rationale:

This diploma course has been designed as a sandwich course. The students are required to undergo inplant training for two semesters in the fifth and eighth semester. The inplant training has been included as a compulsory component of the curriculum in order to cater to the needs of some of the activities which cannot be taken up in the Institution. At the same time it is expected that the students will develop the right type of attitudes through this process. It is assumed that the employability of the students will increase because of inplant training.

Objective:

The student will be able to:

1. Orient the student with the environment of the industry and make them familiar with the current industrial process and practices.
2. Study the equipments / machines / processes which cannot be demonstrated in the Institution.
3. To provide opportunity to the student to solve the industrial problems.
4. To develop the right type of attitudes.
5. To collect information / data for project work and seminars.

Detailed Contents:

Details	Marks
<p>The inplant trainee will maintain a daily diary in a neatly bound book. It should contain a brief account of the activities performed by the trainee in the areas assigned by the industry to the satisfaction of the supervising authority for counter signature at least once in a week.</p> <p>Based on the daily diary, the trainee will write weekly reports in the described formats which also should be shown to the supervising authority for his counter signature.</p> <p>The inplant training report for final submission to the Polytechnic should highlight the student's observations on-the-job training in the areas of production processes, process planning, plant layout, inventory systems, purchase systems etc. It should also cover the objectives of Industry / organisation, their product details, management structure, various manufacturers departments etc. The report should be comprehensive and presented in typed standard bond sheets and submitted immediately after the inplant training.</p>	150

Note: The external examiner should preferably be from industry or expert from institute as suggested by concerned institute or MSBTE.

BTE-Examination - 250 marks (As per CIAAN norms of C code).

The continuous assessment marks (20%) should be given by Industry training Incharge in terms of grades .This will be converted in marks. In case grades are not allotted by industry training Incharge, concerned lecturer shall give the grades.

All students will submit a report on Inplant training. This report will be assessed and marks will be given by Internal as well as external examiner.

Term work Assessment - The term work shall be assessed by internal examiner only.

Oral Examination – The external examiner appointed for oral examination shall be preferably from industry OR Experts from other institutes as decided by MSBTE/Institute

The inplant trainee will maintain a daily dairy in a neatly bound book. It should contain a brief account of the activities performed by the trainee in the areas assigned by the industry to the satisfaction of the supervising authority for counter signature at least once in a week.

Based on the daily diary, the trainee will write weekly reports in the described formats which also should be shown to the supervising authority for his counter signature.

The inplant training report for final submission to the Polytechnic should highlight the student's observations on-the-job training.