

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES

COURSE NAME : INSTRUMENTATION ENGINEERING

COURSE CODE : IS/IC

DURATION OF COURSE : SIX SEMESTERS

WITH EFFECT FROM 2012 - 13

SEMESTER : SIXTH

DURATION : 16 WEEKS

PATTERN : FULL TIME

SCHEME : G

S R. N O.	SUBJECT TITLE	Sub. Title Abbri..	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME									
				TH	TU	PR	PAPER HRS	TH(1)		PR(4)		OR(8)		TW(9)		SW
								MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
1	Management			03	--	--	03	100	40	--	--	--	--	--	--	50
2	Embedded Systems			03		02	03	100	40	25#	20	--	--	25@	10	
3	Industrial Automation			03		04	03	100	40	50#	20			25@	10	
4	Process control Systems			04		02	03	100	40	--	--	25@	10			
	Elective															
5	Process Automation System			03		02	03	100	40	--	--	--	--	25@	10	50
	Biomedical Instrumentation															
5	Simulation Software			--	--	02	--	--	--	--	--	--	--	25@	10	
6	Industrial Project			--	--	04	--	--	--	--	--	50#	20	50@	20	
TOTAL				16	--	16		500		75		75		150		

STUDENT CONTACT HOURS PER WEEK: **32 HRS** THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.

TOTAL MARKS: **850** @ INTERNAL ASSESSMENT # EXTERNAL ASSESSMENT

ABBREVIATIONS: TH-THEORY, TU- TUTORIAL, PR-PRACTICAL, ,OR-ORAL, TW-TERMWORK, SW-SESSIONAL WORK

➤ **Conduct two class tests each of 25 marks for each theory subject. Sum of the total test marks of all subject are to be converted out of 50 marks as sessional work.**

➤ **Progressive Evaluation Is To Be Done By Subject Teacher As Per The Prevailing Curriculum Implementation And Assessment**

Norms

