

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

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

COURSE NAME : INDUSTRIAL ELECTRONICS

COURSE CODE : IE

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(μ)			03	--	--	03	100	40	--	--	--	--	--	--	50
2	Embedded Systems(α)			03	--	02	03	100	40	50#	20	--	--	25@	10	
3	Industrial Automation(ψ)			03	--	04	03	100	40	25#	10	--	--	25@	10	
4	Industrial Drives			04	--	02	03	100	40	--	10	--	--	25@	10	
	Elective															
5	VLSI(λ)			03	--	02	03	100	40	--	--	--	--	25@	10	
	Mechatronics(η)															
	Simulation Software (α)			--	--	02	--	--	--	--	--	--	--	25@	10	
8	Industrial Project(α)			--	--	04	--	--	--	--	--	50#	20	50@	20	
TOTAL				16	--	14	--	500	--	75	--	50	--	175	--	50

STUDENT CONTACT HOURS PER WEEK: **30 HRS** THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH.
TOTAL MARKS: **850** @ INTERNAL ASSESSMENT # EXTERNAL ASSESSMENT(μ): **COMMON TO ALL**
BRANCHES(α):EJ/ET/EX/EN/IE/IS/IC/DE/EV/MU (λ):EJ/ ET/EX/EN/IE/EV (η):EJ/ ET/EX/EN/ IE
(φ):IE/IS/IC

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**