GOVERNMENT POLYTECHNIC MUMBAI

(Academically Autonomous Institute, Government of Maharashtra)

Teaching and Examination Scheme (P19 R)

With effect from AY 2022-23

Programme: Diploma in Electrical Engineering (Sandwich Pattern)   **Term / Semester - IV**

Course Code	Course Title	Teaching Hours/Contact Hours				Credits	Examination Scheme (Marks)						
							Theory			PR	OR	TW	Total
		L	P	TU	Total		TH	TS1	TS2				
EE 19 R 304	Electrical Estimation & Costing	4	--	2	06	06	60	20	20	--	50*	25	175
EE 19 R 305	Utilization of Electrical Energy	4	--	2	06	06	60	20	20	--	50*	--	150
EE 19 R 306	AC Machines	4	2	2	08	08	60	20	20	50*	--	50	200
EE 19 R 401	Fundamentals of Power Electronics	4	2		06	06	60	20	20	50*	--	--	150
EE 19 R 402	Special Machines (Optional) Illumination Engineering (Optional)	4	2	--	06	06	60	20	20	50*	--	25	175
EE 19 R 403		4	2	--	06	06	60	20	20	50*	--	25	175
EE 19 R 404	Arduino# (Spoken Tutorial)	--	--	3	03#	03#	--	--	--	--	--	--	--
	Total	20	06	09	35	35	300	100	100	150	100	100	850
	Total Contact Hours				35								

Abbreviations: L- Theory Lecture, P-Practical, TU-Tutorial, TH- Theory Paper TS1 & TS2- Term Tests, PR-Practical, OR-Oral, TW: Term Work (progressive assessment)

* Indicates assessment by External Examiner else internal assessment, # indicates Self, on- line learning Mode, @ indicates on line examination

Note: Duration of Examination--TS1&TS2 -1 hour, TH- 2.30 hours, PR/OR – 3 hours per batch, SCA- Library - 1 hour, Sports- 2 hours, Creative Activity-2 hours
        Self, on- line learning Mode through MOOCs /Spoken Tutorials / NPTEL / SWAYAM / FOSSEE etc.

Department Coordinator,   Head of Department   In-Charge   Principal
Curriculum Development,   Dept. of Electrical Engineering   Curriculum Development Cell
Dept. of Electrical Engineering