SANDIP FOUNDATION'S

SANDIP POLYTECHNIC, NASHIK

DEPARTMENT OF ELECTRICAL ENGINEERING

Vision and Mission of Electrical Engineering Department

VISION

To develop professionally skilled electrical engineers to fulfill the needs of industry and society at large.

MISSION

M1: To offer quality technical education through student's centric teaching learning methods to enhance technical knowledge, skills and positive attitude.

M2: To provide a learning center for entrepreneurship, employability and higher education.

M3: To develop interpersonal skills for professional growth.

Maharashtra State Board of Technical Education, Mumbai

Teaching And Examination Scheme For Post S.S.C. Diploma Courses

Program Name : Diploma in Electrical Engineering / Diploma in Electrical Power System / Diploma in Electrical & Electronics (Power System)

Program Code : EE/EP/EU **With Effect From Academic Year: 2017 - 18**

Duration of Program : 6 Semesters **Duration : 16 Weeks**

Semester : Sixth **Scheme : I**

S. N.	Course Title	Course Abbrev iation	Course Code	Teaching Scheme			Credit (L+T+P)	Examination Scheme												Grand Total
								Theory							Practical					
								Exam Duration in Hrs.	ESE		PA		Total		ESE		PA		Total	
				L	T	P			Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	
1	Maintenance of Electric Equipment	MEE	22625	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
2	Utilization of Electrical Energy	UEE	22626	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
3	Electrical Estimation and Contracting	EEC	22627	3	-	2	5	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150
4	Emerging Trends in Electrical Engineering	ETE	22628	3	-	-	3	90 Min	70*#	28	30*	00	100	40	--	--	--	--	--	--	100
	Elective – II (Select Any One)																				
5	Industrial Drives and Control (EE/EU)	IDC	22629	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Power System Operation and Control (EP)	PSO	22632	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
	Electric Substation Practices (EE/EP/EU)	ESP	22633	3	-	2	5	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150
6	Capstone Project - Execution and Report writing	CPE	22060	-	-	4	4	--	--	--	--	--	--	--	50#	20	50~	20	100	40	100
			Total	**16**	**-**	**12**	**28**	--	**350**	--	**150**	--	**500**	--	**150**	--	**150**	--	**300**	--	**800**

Student Contact Hours Per Week: **28 Hrs.** Medium of Instruction: **English**

Theory and practical periods of 60 minutes each. Total Marks : **800**

Abbreviations: ESE- End Semester Exam, PA- Progressive Assessment, L - Lectures, T - Tutorial, P - Practical

@ Internal Assessment, # External Assessment, *# On Line Examination, ^ Computer Based Assessment

* Under the theory PA, Out of 30 marks, 10 marks are for micro-project assessment to facilitate integration of COs and the remaining 20 marks is the average of 2 tests to be taken during the semester for the assessment of the cognitive domain LOs required for the attainment of the COs.

~ For the courses having ONLY Practical Examination, the PA marks Practical Part - with 60% weightage and Micro-Project Part with 40% weightage

- **If Candidate not securing minimum marks for passing in the "PA" part of practical of any course of any semester then the candidate shall be declared as "Detained" for that semester.**

BOARD OF TECHNICAL EDUCATION

MSBTE – Final Copy Dt. 24.09.2019