



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

Program Code : EE/EP/EU

With Effect From Academic Year: 2017 - 18

Duration of Program : 6 Semesters

Duration : 16 Weeks

Semester : Fifth

Scheme : I

S. N.	Course Title	Course Abbreviation	Course Code	Teaching Scheme		Credit (L+T+P)	Examination Scheme												Grand Total	
				L	T		P	Theory						Practical						
								ESE		PA		Total		ESE		PA		Total		
								Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks	Min Marks	Max Marks		
1	Management	MAN	22509	3	-	-	28	30*	00	100	40	--	--	--	--	100				
2	Industrial AC Machines	IAM	22523	4	-	2	28	30*	00	100	40	25#	10	25	10	50	20	150		
3	Switchgear and Protection	SAP	22524	4	-	2	28	30*	00	100	40	25#	10	25	10	50	20	150		
4	Energy Conservation and Audit	ECA	22525	3	-	2	28	30*	00	100	40	25#	10	25	10	50	20	150		
Elective (Any One)																				
	Elements of Industrial Automation	EIA	22526	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Power Electronics Application	PEA	22527	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Wind Power Technologies	WPT	22528	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
5	Power System Analysis	PSA	22529	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
	Illumination and Electrification of Buildings	IEB	22530	3	-	2	28	30*	00	100	40	25@	10	25	10	50	20	150		
6	Entrepreneurship Development	EDE	22032	2	-	2	--	--	--	--	--	50@	20	50~	20	100	40	100		
7	Industrial Training	ITR	22049	-	-	6	--	--	--	--	--	75#	30	75~	20	150	60	150		
8	Capstone Project Planning	CPP	22050	-	-	2	--	--	--	--	--	25@	10	25~	10	50	20	50		
Total				19	-	18	350	150	500	500	250	250	250	250	250	500	500	1000		



Student Contact Hours Per Week: **37 Hrs.** Medium of Instruction: **English**

Theory and practical periods of 60 minutes each.

Total Marks : **1000**

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.**

➤ **Evaluation of Industrial Training and its reports is to done during this semester. Credit of Industrial Training will not affect the framing of time table.**

