



**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 : Third**

**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	Min Marks			
1	Electrical Circuits	ECI	22324	4	2	2	8	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
2	Electrical and Electronic Measurements	EEM	22325	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
3	Fundamentals of Power Electronic	FPE	22326	4	-	2	6	3	70	28	30*	00	100	40	25#	10	25	10	50	20	150	
4	Electrical Power Generation	EPG	22327	4	-	2	6	3	70	28	30*	00	100	40	25@	10	25	10	50	20	150	
5	Electrical Materials and Wiring Practice	EMW	22328	3	-	4	7	3	70	28	30*	00	100	40	50@	20	50	20	100	40	200	
<b>Total</b>				<b>19</b>	<b>2</b>	<b>12</b>	<b>33</b>	<b>--</b>	<b>350</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>500</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>150</b>	<b>--</b>	<b>300</b>	<b>--</b>	<b>800</b>	

Student Contact Hours Per Week: **33 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.**

