



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																										
Learning and Assessment Scheme for Post S.S.C Diploma Courses																										
Programme Name		: Diploma In Automobile Engineering. / Chemical Engineering / Electrical Engineering / Electrical Power System / Food Technology / Mechanical Engineering / Mechatronics / Production Engineering / Printing Technology / Polymer Technology																								
Programme Code		: AE / CH / EE / EP / FC / ME / MK / PG / PN / PO												With Effect From Academic Year					: 2023-24							
Duration Of Programme		: 6 Semester										Duration					: 16 WEEKS									
Semester		: First					NCrF Entry Level : 3.0					Scheme					: K									
Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme						Credits	Paper Duration (hrs.)	Assessment Scheme												
						Actual Contact Hrs./ Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs / Week	Theory				Based on LL & TL				Based on Self Learning				Total Marks			
						CL	TL	LL			FA-TH			SA-TH		Total		FA-PR		SA-PR		SLA				
											Max			Min	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min	
(All Compulsory)																										
1	BASIC MATHEMATICS	BMS	AEC	311302	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125			
2	BASIC SCIENCE	PHYSICS	BSC	DSC	311305	4	2	-	2	1	10	5	1.5	30	70*#	100	40	25	10	25@	10	25	20	250		
							2	-	2	1								25	10	25@	10	25				
3	COMMUNICATION SKILLS (ENGLISH)	ENG	AEC	311303	0	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150			
4	ENGINEERING GRAPHICS (Civil, Electrical, Mechanical and allied branches)	EGR	DSC	311006	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100			
5	FUNDAMENTALS OF ICT	ICT	SEC	311001	0	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75			
6	YOGA AND MEDITATION	YAM	VEC	311003	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50			
7	ENGINEERING WORKSHOP PRACTICES (Mechanical, Electrical and allied branches)	EWP	SEC	311005	2	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100			
Total					15	14	2	17	7	40	20		90	210	300		225		175		150		850			

Sr No	Course Title	Abbreviation	Course Type	Course Code	Total IKS Hrs for Sem.	Learning Scheme					Credits	Assessment Scheme										Total Marks	
						Actual Contact Hrs./ Week			Self Learning (Activity/ Assignment /Micro Project)	Notional Learning Hrs / Week		Paper Duration (hrs.)	Theory			Based on LL & TL				Based on Self Learning			
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA		
															Max	Min	Max	Min	Max	Min	Max		Min
<p>Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment, SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment</p> <p>Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination</p> <p>Note :</p> <ol style="list-style-type: none"> 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester. 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester. 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work. 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks 5. 1 credit is equivalent to 30 Notional hrs. 6. * Self learning hours shall not be reflected in the Time Table. 7. * Self learning includes micro project / assignment / other activities. <p>Course Category : Discipline Specific Course Core (DSC) : 2, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 2, Generic Elective (GE) : 0</p> <p>♦ For the course Basic Science - candidate will have to appear for pre-examination of both physics & chemistry. If absent in any one section (physics / chemistry) student will be declared as absent & fail for the course and marks will not be processed or carried forward.</p>																							