



Government Polytechnic, Pune
(An Autonomous Institute of Government of Maharashtra)

Sem IV

Learning and Assessment Scheme
with Effect From Academic Year: 2023-24

Programme Name: Diploma In ELECTRICAL ENGINEERING.

Duration of Programme: 6 Terms

Scheme: 120-NEP

Programme Code: EE
Term Duration: 16 Weeks
Path: NEP1

Sr. Course No.	Course Name	Course Category	Pre requisite	IKS Hrs	Learning Scheme				Assessment Scheme										CD				
					Actual Contact Hrs./Week			Self Learning (Term Work+Assessment)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	Theory			Based on LL & TL Practical					Based on Self Learning SLA			Total Marks
					CL	TL	LL					Max	SA-TH	Total	FA-PR	SA-PR	SA-PR	Max		Min	Max	Min	
TERM - 5																							
1	EE41205 INDUSTRIAL AC MACHINES	DSC	EE31202 AND 40 Credits must be grant	--	4	--	2	2	8	4	3	30	70	100	40	--	25#	10	25	10	150	Yes	
2	EE41206 TESTING AND MAINTENANCE OF ELECTRICAL EQUIPMENT	DSC	EE31205 AND 40 Credits must be grant	--	4	--	2	2	8	4	3	30	70	100	40	--	25#	10	25	10	150	Yes	
3	EE41207 CAPSTONE PROJECT	INP	Minimum 60 credits must be acquired	--	--	--	4	--	4	2	--	--	--	--	--	50	20	50#	20	--	100	Yes	
4	EE41210 SWITCHGEAR AND PROTECTION	DSC	EE31204 AND 40 Credits must be grant	--	4	--	2	2	8	4	3	30	70	100	40	--	25#	10	25	10	150	Yes	
ELECTIVE-I (ANY 1)																							
5	EE51203 ENERGY CONSERVATION AND AUDIT	DSE	EE41203 AND 40 Credits must be grant	--	3	--	2	1	6	3	3	30	70	100	40	25	10	--	--	25	10	150	Yes
ELECTIVE-II (ANY 1)																							
6	EE51206 INDUSTRIAL AUTOMATION	DSE	EE51201 AND 40 Credits must be grant	--	3	--	2	1	6	3	3	30	70	100	40	25	10	--	--	25	10	150	Yes
				Total:	--	18	--	14	8	40	20	150	350	500	100	125			125			850	

Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, LA-Laboratory Learning, FA - Formative Assessment, SA - Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment, CD : Class Declaration
Legends : @ Internal Assessment, # External Assessment, @# Internal External Assessment, #S Internal Online Examination, @S Internal Online Examination

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 course.
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. Course Category : Discipline Specific Course Core (DSC) : 3, Discipline Specific Elective (DSE) : 2, Value Education Course (VEC) : 0, Intern/Apprentice/Project/Community (INP) : 1, Ability Enhancement Course (AEC) : 0, Skill Enhancement Course (SEC) : 0, Generic Elective (GE) : 0
8. If Candidate is detained in any one part of Engineering Workshop Practice course i.e. Central Workshop, EE workshop, candidate will be declared as Detained in Engineering Workshop Practice course.
9. For the Candidate remaining absent in practical examination of any one part of Engineering Workshop Practice course i.e. Central Workshop, EE workshop, the candidate will be declared as Absent in Mark Sheet and has to reappear for the examination. Marks of the part for which candidate was present will not be processed or carried forward.

Name & Signature
(Programme CDC Incharge)
Printed on: 2026/02/18 03:18:21 PM

Name & Signature
(Programme Head)

Name & Signature
(CDC Incharge)