

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
FOR DIPLOMA IV SEMESTER (ELECTRICAL ENGINEERING) (EE)
(SEMESTER SCHEME-2020-21)
SESSION 2021-2022 & ONWARDS

Subject Category	Subject Code	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration						Total Marks	Credits	
			Hours per week				End Semester Exam			Internal Assessment					
			L	T	P	Tot	TH	Hrs.	PR	Hrs	CT	TU/Assi			PR(S)
PC	EE 4001	Fundamentals of Power Electronics	3	0	0	3	60	3	-	-	20	20	-	100	3
PC	EE 4002	Electric Power Transmission and Distribution	3	0	0	3	60	3	-	-	20	20	-	100	3
PC	EE 4003	Induction, Synchronous and Special Electrical Machines	2	1	0	3	60	3	-	-	20	20	-	100	3
PE	EE 4004	Programme Elective-I EE 40041- Industrial Instrumentation and Condition Monitoring EE 40042- Illumination Practices	3	0	0	3	60	3	-	-	20	20	-	100	3
PE	EE 4005	Programme Elective-II EE 40051- Electrical Estimation and Contracting EE 40052- Electric Vehicles	3	0	0	3	60	3	-	-	20	20	-	100	3
PC	EE 4006	Fundamentals of Power Electronics Lab.	0	0	2	2	-	-	40	3	-	-	60	100	1
PC	EE 4007	Electric Power Transmission and Distribution Lab	0	0	2	2	-	-	40	3	-	-	60	100	1
PE	EE 4008	Programme Elective I Lab. EE 40081- Industrial Instrumentation and Condition Monitoring Lab EE 40082- Illumination Practices Lab	0	0	2	2	-	-	40	3	-	-	60	100	1
PE	EE 4009	Programme Elective II Lab. EE 40091- Electrical Estimation and Contracting Lab EE 40092- Electric Vehicles Lab	0	0	2	2	-	-	40	3	-	-	60	100	1
PC	EE 4010	Induction, Synchronous and Special Electrical Machines Lab.	0	0	2	2	-	-	40	3	-	-	60	100	1
PR	EE 4011	Minor Project	0	0	4	4	--	--	40	--	--	--	60	100	2
AU	[†] EE 4222	Essence of Indian Knowledge and Tradition	2	0	0	2	--	--	--	--	--	--	--	--	0
VS	[†] EE 4444	Anandam (Joy of Giving)	--	--	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities	0	0	3	3	--	--	--	--	--	--	--	--	--
		Total	16	1	18	35	300		240		100	100	460	1200	24
Grand Total :													1200	24	

1. L : Lecture

2. T : Tutorial

3. P : Practical

4. TH : Marks for End Semester Exam for Theory

5. PR : Marks for End Semester Exam for Practical

6. CT : Marks for class tests (Internal Assessment)

7. TU/Assi : Marks for tutorials/Assignment (Internal Assessment)

8. PR(S) : Marks for practical and viva (Internal Assessment)

[†]EE 4222 and [†]EE 4444 are same in all branches of Engineering**Anandam (Joy of Giving):** In addition to the practical of one hour every week, students will have to do activities at home and college after college hours.**Students Centered Activities include** 1. Expert lectures/ practice sessions on technical topics of common interest 2. Personality development 3. Human values 4. Industrial visits 5. Art of living 6. Environmental issues 7. Quiz programs 8. Interview techniques 9. Greening and cleaning of campus 10. Disaster Management Techniques etc.

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

Students will go for 6 Weeks Summer Internship in the Summer Vacations after Fourth Semester. The assessment of the Summer Internship will be done in Fifth Semester