

(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)

Teaching and Examination Scheme (For Students Admitted in A.Y. 2024-25 & onwards)

B.Tech. Electrical Engineering

B.Tech. II Year (Semester III)

B.Tech. II Year (Semester III)																
Sr. No.	Br.	Year	Sem.	Course Code	Course Name	Category	Teaching & Learning Scheme					Exam Hrs.	Marks			Credit
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)	Total no. of Hours per semester		CIE	SEE	Total	
							L	T	P	SL						
1	EE	II	III	HSUL301/HSUL302	Managerial Economics and Financial Accounting/Technical Communication	HSMC	15	-	-	15	30	3	40	60	100	1
2	EE	II	III	MAUL302	Advanced Engineering Mathematics-I	BSC	45	-	-	45	90	3	40	60	100	3
3	EE	II	III	EEUL301	Electrical Measurement & Instrumentation	PCC	45	-	-	45	90	3	40	60	100	3
4	EE	II	III	EEUL302	Generation of Electrical Power	ESC	30	-	-	30	60	3	40	60	100	2
5	EE	II	III	EEUL303	Circuit Analysis-I	PCC	45	-	-	45	90	3	40	60	100	3
6	EE	II	III	EEUL304	Analog Electronics	ESC	30	-	-	30	60	3	40	60	100	2
7	EE	II	III	EEUL305	Electrical Machine-I	PCC	45	-	-	45	90	3	40	60	100	3
8	EE	II	III	EEUP320	Analog Electronics Lab	PCC	-	-	45	-	45	3	60	40	100	1.5
9	EE	II	III	EEUP321	Electrical Machine Lab-I	PCC	-	-	45	-	45	3	60	40	100	1.5
10	EE	II	III	EEUP322	Computer Programming Lab (C++)	ESC	-	-	45	-	45	3	60	40	100	1.5
11	EE	II	III	EEUP323	Electrical Circuit Design Lab	PCC	-	-	45	-	45	3	60	40	100	1.5
12	EE	II	III	EEUT330	Industrial Training	PSIT		-	30	-	30	3	60	40	100	1
13	EE	II	III	EEUA300	SODECA	SODECA	-	-	-	15	15	3	-	-	100	0.5
14	EE	II	III	NU99.X	Technical Training/Skill Development Courses (Audit Course)	MC	-	-	-	-	-	3	-	-	100	0
Total Credit																24.5

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)

Teaching and Examination Scheme (For Students Admitted in A.Y. 2024-25 & onwards)

B.Tech. Electrical Engineering

B.Tech. II Year (Semester IV)

B.Tech. II Year (Semester IV)																	
Sr. No.	Br.	Year	Sem.	Course Code	Course Name	Category	Teaching & Learning Scheme					Exa m Hrs.	Marks			Credi t	
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)	Total no. of Hours per semester		CIE	SEE	Total		
							L	T									P
1	EE	II	IV	HSUL401/HSUL402	Managerial Economics and Financial Accounting/Technical Communication	HSMC	15	-	-	15	30	3	40	60	100	1	
2	EE	II	IV	MAUL401	Advanced Engineering Mathematics-III	BSC	45	-	-	45	90	3	40	60	100	3	
3	EE	II	IV	EEUL401	Circuit Analysis-II	PCC	45	-	-	45	90	3	40	60	100	3	
4	EE	II	IV	EEUL402	Signal and Systems	PCC	30	-	-	30	60	3	40	60	100	2	
5	EE	II	IV	EEUL403	Electrical Machine-II	PCC	45	-	-	45	90	3	40	60	100	3	
6	EE	II	IV	EEUL404	Power Electronics	PCC	45	-	-	45	90	3	40	60	100	3	
7	EE	II	IV	EEUL405	Digital Electronics	PCC	30	-	-	30	60	3	40	60	100	2	
8	EE	II	IV	EEUP420	Electrical Machine Lab-II	PCC	-	-	45	-	45	3	60	40	100	1.5	
9	EE	II	IV	EEUP421	MATLAB Programming Lab	PCC	-	-	45	-	45	3	60	40	100	1.5	
10	EE	II	IV	EEUP422	Digital Electronics Lab	PCC	-	-	45	-	45	3	60	40	100	1.5	
11	EE	II	IV	EEUP423	Electrical Measurement lab	ESC	-	-	45	-	45	3	60	40	100	1.5	
12	EE	II	IV	EEUA400	SODECA	SODECA	-	-		15	15	3	-	-	100	0.5	
13	EE	II	IV	NU99.X	Technical Training/Skill Development Courses (Audit Course)	MC	-	-	-	-	-	3	-	-	100	0	
Total Credit																23.5	