

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)

Teaching and Examination Scheme (Admitted 2024-25 & onwards)

B.Tech. Electronics & Communication Engg.

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	ECE	II	III	MAUL304	Linear Algebra and Numerical Analysis	BSC	45	15	0	60	120	3	40	60	100	4
2	ECE	II	III	HSUL302 / HSUL301	Technical Communication/ Managerial Economics and Financial Accounting	HSMC	15	0	0	15	30	3	40	60	100	1
3	ECE	II	III	ECUL301	Electronic Devices and Circuits	PCC	45	0	0	45	90	3	40	60	100	3
4	ECE	II	III	ECUL302	Digital System Design	PCC	45	0	0	45	90	3	40	60	100	3
5	ECE	II	III	ECUL303	Circuit Theory	PCC	45	15	0	60	120	3	40	60	100	4
6	ECE	II	III	ECUL304	Data Structure and Algorithm	ESC	30	0	0	30	60	3	40	60	100	2
7	ECE	II	III	ECUP320	Electronics Devices Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
8	ECE	II	III	ECUP321	Digital System Design Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	ECE	II	III	ECUP322	Circuit simulation and PCB design Lab	PCC	0	0	60	-	60	3	60	40	100	2
10	ECE	II	III	ECUP323	Data Structure and Algorithm Lab	ESC	0	0	30	-	30	3	60	40	100	1
11	ECE	II	III	ECUT330	Industry Training	PSIT	0	0	30	-	30	3	60	40	100	1
12	ECE	II	III	ECUA300	SODECA	SODECA	-	-	-	-	-	-	-	-	100	0.5
13	ECE	II	III	NU99.4/ NU99.5	Technical Training/ Skill development courses	MC	-	-	-	-	-	-	-	-	-	-
													Total Credit			24.5

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B.Tech. Electronics & Communication Engg.

B.Tech. II Year (Semester IV)

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	ECE	II	IV	MAUL404	Probability and Stochastic Process	BSC	30	0	0	30	60	3	40	60	100	2
2	ECE	II	IV	ECUL401	Analog Electronics	PCC	45	0	0	45	90	3	40	60	100	3
3	ECE	II	IV	ECUL402	Signal and Systems	PCC	45	0	0	45	90	3	40	60	100	3
4	ECE	II	IV	ECUL403	Analog and Digital Communication	PCC	45	0	0	45	90	3	40	60	100	3
5	ECE	II	IV	ECUL404	Microprocessor and Microcontroller	PCC	45	0	0	45	90	3	40	60	100	3
6	ECE	II	IV	ECUL405	Electronics Measurement and Instrumentaion	ESC	30	0	0	30	60	3	40	60	100	2
7	ECE	II	IV	HSUL401/ HSUL402	Technical Communication/ Managerial Economics and Financial Accounting	HSMC	15	0	0	15	30	3	40	60	100	1
8	ECE	II	IV	ECUP421	Analog Electronics lab	PCC	0	0	45	-	45	3	60	40	100	1.5
9	ECE	II	IV	ECUP422	Python Programming Lab	PCC	0	0	30	-	30	3	60	40	100	1
10	ECE	II	IV	ECUP423	Analog and Digital Communication Lab	PCC	0	0	45	-	45	3	60	40	100	1.5
11	ECE	II	IV	ECUP424	Microprocessor and Microcontroller lab	PCC	0	0	30	-	30	3	60	40	100	1
12	ECE	II	IV	ECUP425	Electronics Measurement and Instrumentaion Lab	ESC	0	0	30	-	30	3	60	40	100	1
13	ECE	II	IV	ECUA400	SODECA	SODECA	0	0	-	-	-	-	-	-	100	0.5
14	ECE	II	IV	NU99.4/ NU99.5	Technical Training/ Skill development courses	MC	-	-	-	-	-	-	-	-	-	-
													Total Credit			23.5