

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

Teaching and Examination Scheme-2026-27

B.Tech. I Year (Semester I)

Sr. No.	Course Code	Course Name	Category	Teaching Learning Scheme					Exam Hrs.	Marks			Credit
				Class Room 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	MAUL101	Engineering Mathematics-I	BSC	45	15	0	60	120	3	40	60	100	4
2	PHUL101/CHUL101	Engineering Physics/Engineering Chemistry	BSC	45	15	0	60	120	3	40	60	100	4
3	HSUL101/HSUL102	Communication Skills/Universal Human Values	HSMC	30	0	0	30	60	3	40	60	100	2
4	CSUL101	Computational Thinking and Programming	ESC	30	0	0	30	60	3	40	60	100	2
5	EEUL101	Basic Electrical & Electronics Engineering (CSE/IT/CSE(IOT)	ESC	30	0	0	30	60	3	40	60	100	2
	CEUL101	Basic Civil Engineering (EE/ECE/ME)	ESC	30	0	0	30	60	3	40	60	100	
	MEUL101	Basic Mechanical Engineering (CSE(DS)/CSE(AI)/CE)	ESC	30	0	0	30	60	3	40	60	100	
6	PHUP120/CHUP120	Engineering Physics Lab/ Engineering Chemistry Lab	BSC	0	0	30	-	30	3	60	40	100	1
7	HSUP120/HSUP121	Language Lab/ Universal Human Values Lab	HSMC	0	0	30	-	30	3	60	40	100	1
8	CSUP120	C Programming Lab	ESC	0	0	30	-	30	3	60	40	100	1
9	EEUP120	Basic Electrical & Electronics Engineering Lab (CSE/IT/CSE(IOT)	ESC	0	0	30	-	30	3	60	40	100	1
	CEUP120	Basic Civil Engineering Lab (EE/ECE/ME)	ESC	0	0	30	-	30	3	60	40	100	
	MEUP120	Manufacturing Practice Workshop (CSE(DS)/CSE(AI)/CE)	ESC	0	0	30	-	30	3	60	40	100	
10	MEUP121/ MEUP122	Computer Aided Engineering Graphics/Computer Aided Machine Drawing	ESC	0	0	45	-	45	3	60	40	100	1.5
11	XXUA100	Social Outreach, Discipline and Extra-Curricular Activities (SODECA)	SODECA	-	-	-	-	-	-	-	-	-	0.5
12	NU99.X	Audit Course	NC	-	-	-	-	-	3	40	60	100	0
										Total Credit			20

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Teaching and Examination Scheme-2026-27

B.Tech. I Year (Semester II)

Sr. No.	Course Code	Course Name	Category	Teaching Learning Scheme					Exam Hrs.	Marks			Credit
				Class Room 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	MAUL201	Engineering Mathematics-II	BSC	45	15	0	60	120	3	40	60	100	4
2	PHUL201/CHUL201	Engineering Physics/Engineering Chemistry	BSC	45	15	0	60	120	3	40	60	100	4
3	HSUL201/HSUL202	Communication Skills/Universal Human Values	HSMC	30	0	0	30	60	3	40	60	100	2
4	HSUL203	Innovation & Entrepreneurship	HSMC	15	0	0	15	30	3	40	60	100	1
5	CSUL201	Problem Solving using Object Oriented Paradigm	ESC	30	0	0	30	60	3	40	60	100	2
6	EEUL201	Basic Electrical & Electronics Engineering (CSE(DS)/CSE(AI)/EC/EE)	ESC	30	0	0	30	60	3	40	60	100	2
	CEUL201	Basic Civil Engineering(CE)	ESC	30	0	0	30	60	3	40	60	100	
	MEUL201	Basic Mechanical Engineering (CSE/IT/CSE(IOT)/ME)	ESC	30	0	0	30	60	3	40	60	100	
7	PHUP220/CHUP220	Engineering Physics Lab/ Engineering Chemistry Lab	BSC	0	0	30	-	30	3	60	40	100	1
8	HSUP220/HSUP221	Language Lab/ Universal Human Values Lab	HSMC	0	0	30	-	30	3	60	40	100	1
9	CSUP220	Object Oriented Programming Lab	ESC	0	0	30	-	30	3	60	40	100	1
10	EEUP220	Basic Electrical & Electronics Engineering Lab (CSE(DS)/CSE(AI)/EC/EE)	ESC	0	0	30	-	30	3	60	40	100	1
	CEUP220	Basic Civil Engineering Lab (CE)	ESC	0	0	30	-	30	3	60	40	100	
	MEUP220	Manufacturing Practice Workshop (CSE/IT/CSE(IOT)/ME)	ESC	0	0	30	-	30	3	60	40	100	
11	MEUP221/ MEUP222	Computer Aided Engineering Graphics/Computer Aided Machine Drawing	ESC	0	0	45	-	45	3	60	40	100	1.5
12	XXUA200	Social Outreach, Discipline and Extra-Curricular Activities (SODECA)	SODECA	-	-	-	-	-	-	-	-	-	0.5
13	NU99.X	Audit Course		-	-	-	-	-	3	40	60	100	0
										Total Credit			21