

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

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

Teaching and Examination Scheme 2025-26

Open Electives for Semester-V of B.Tech. Program

Sr. No.	Year	Sem.	Course Code	Course Name	Offering Department	Eligible Branch	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	III	V	PHUL560	Introduction to Nanotechnology	Physics	ALL	OE	45	-	-	45	90	3	40	60	100	3	
2	III	V	CEUL560.1	Climate Change Science	CE	CS/AI/ DS/IOT/ IT/ EC/ EE/ ME	OE	45	-	-	45	90	3	40	60	100	3	
3	III	V	CSUL560.1	AI for Everyone	CS	CE/ EC/ EE/ ME	OE	45	-	-	45	90	3	40	60	100	3	
4	III	V	EEUL560.2	Energy Audit and Demand Side Management	EE	CS/AI/ DS/IOT/ IT/ CE/ EC/ ME	OE	45	-	-	45	90	3	40	60	100	3	
5	III	V	MEUL560.1	Fundamentals of Robotics	ME	CS/AI/ DS/IOT/ IT/ CE/ EC/ EE	OE	45	-	-	45	90	3	40	60	100	3	
6	III	V	MEUL560.2	Electric Vehicle Fundamentals	ME	CS/AI/ DS/IOT/ IT/ CE/ EC/ EE	OE	45	-	-	45	90	3	40	60	100	3	
7	III	V	ECUL560.1	Introduction to Sensors and Actuators	EC	CS/AI/ DS/IOT/ IT/ CE/ EE/ ME	OE	45	-	-	45	90	3	40	60	100	3	
8	III	V	ECUL560.2	Semiconductor Technology and Applications	EC	CS/AI/ DS/IOT/ IT/ CE/ EE/ ME	OE	45	-	-	45	90	3	40	60	100	3	
9	III	V	ECUL560.3	Fundamentals of Communication Systems	EC	CS/AI/ DS/IOT/ IT/ CE/ EE/ ME	OE	45	-	-	45	90	3	40	60	100	3	