

**List of Eighth Semester B. E. Electives**

(AUTONOMOUS)

S.N.	Name of Branch	Elective-II		Elective-III			
1.	Mechanical Engineering	1.	Computer Aided Design	1.	Material Handling System		
		2.	Refrigeration & Air Conditioning	2.	Advance Manufacturing Techniques		
		3.	Finite Element Method	3.	Stress Analysis		
				4.	Automobile Engineering		
				5.	Modeling and Simulation		
				6.	Industrial Robotics		
				7.	Metrology & Quality Control		
2.	Electrical Engineering	<b>(New Scheme) Elective-II</b>		<b>(New Scheme) Elective-III</b>		<b>(Old Scheme) Elective-III</b>	
		1.	Optimization Techniques	1.	Flexible Ac Transmission Systems	1.	Advanced Electrical Drives
		2.	Electrical Installation & Design	2.	Advanced Electrical Drives	2.	Electric Vehicles
		3.	EHV-AC & HVDC Transmission	3.	Electric Vehicles	3.	Advanced Power Electronics
		4.	Advanced Power System Stability	4.	Advanced Power Electronics	4.	Modern Control Systems
		5.	Entrepreneurship Development	5.	Modern Control Systems	5.	Fuzzy & Neural Applications
		6.	Fuzzy & Neural Applications				
3.	Electronics Engineering					<b>Elective-III</b>	
						1.	Radar & Satellite Communication
						2.	Micro Electro Mechanical Systems (MEMS)
						3.	Pattern Recognition
						4.	ASIC Design
						5.	RTOS
				6.	Mechatronics		
4.	Electronics & Telecommunication Engineering					<b>Elective-III</b>	
						1.	Mobile Communication
						2.	Micro Electro Mechanical Systems(MEMS)
						3.	RTOS
						4.	PLC & SCADA
				5.	Robotics		
5.	Computer Science & Engineering	<b>Elective-IV</b>				<b>Elective-V</b>	
		1.	Network Programming	1.	Advanced Operating System Design		
		2.	Soft Computing	2.	Digital Image Processing		
		3.	Cloud Computing	3.	Real Time Operating System		
		4.	Wireless Sensor Network	4.	Engineering Economics Industrial Management		
		5.	Cyber Laws	5.	Software Testing		
		6.	Industrial Robotics				
6.	Information Technology	<b>Elective-III</b>				<b>Elective-IV</b>	
		1.	Natural Language Processing	1.	Advanced Operating System Design		
		2.	Wireless Communication	2.	Pattern Recognition		
		3.	Advanced Web Technologies	3.	Bio-Informatics		
		4.	Distributed DataBases And Object Oriented Data Bases	4.	Software Testing		
		5.	Industrial Robotics	5.	Enterprise Resource Planning		