

List of Sixth Semester B.E. Electives

(AUTONOMOUS)

S.N.	Name of Branch	(New Scheme) Elective-I	(Old Scheme) Elective-I	Open Elective (All Branches)
1.	Civil Engineering	1. Operation Research & Management	1. Geology & Earth Science	1. Optimization Techniques 2. Environmental Science 3. Sensors & Transducers (Except Electronics Engg. and Electronics & Telecommunication Engg.) 4. Intellectual Property Right 5. Fuzzy Logic 6. Bio Systems in Engineering 7. C++ Programming 8. JAVA Programming 9. SAP 10. Foundation Course In Information Technology and Management 11. Nano-Technology 12. Unconventional Energy Systems 13. Reliability Engineering 14. Material Science 15. Genetic Engineering 16. Constitution of India 17. Principles of Business Management 18. Foundation Course in Marketing Management 19. Foundation Course in Human Resource Management 20. Business Legislation 21. Foundation Course in Accounting 22. Quantitative Decision Making 23. Financial Management 24. Finance for Non Financials
		2. Geology & Earth Science	2. Advanced Concrete Design	
		3. Advanced Structural Design	3. Ground Water Management	
		4. Ground Water Management	4. Operation Research & Management	
		5. Earthquake Resistant Structures	5. Environmental Management	
		6. Environmental Management		
2.	Mechanical Engineering		1. Power Plant Engineering	
			2. Design of Mechanical Drives	
			3. Artificial Intelligence	
			4. Quality & Reliability Engineering	
			5. Mechanical Vibration	
			6. Advanced I.C. Engines	
			7. Unconventional Energy Sources	
3.	Electrical Engineering	1. Microprocessor Based Systems	1. Microprocessor Based Systems	
		2. Digital Signal Processing	2. Digital Signal Processing	
		3. Industrial Instrumentation And Automation	3. Industrial Instrumentation And Automation	
		4. Electrical Energy Management	4. Electrical Energy Management	
4.	Electronics Engineering	1. Computer Graphics & Visualization	1. Computer Graphics & Visualization	
		2. Television Engineering	2. TV Engineering	
		3. Mobile Communication	3. Mobile Communication	
		4. Sensors & Transducers	4. Sensors & Transducers	
		5. Biomedical Engg	5. Biomedical Engineering	
		6. Verilog HDL	6. Verilog HDL	
		7. Transmission Lines and Antennas		
5.	Electronics & Telecommunication Engineering	1. Computer Graphics & Visualization	1. Computer Graphics & Visualization	
		2. CMOS VLSI Design	2. CMOS VLSI Design	
		3. Sensors & Transducers	3. Sensors & Transducers	
		4. Communication Protocol Design	4. Communication Protocol Design	
		5. Transmission Lines and Antennas		
6.	Information Technology	(New Scheme) Elective-II		
		1. E-Commerce	1. Computer Graphics & Visualization	
		2. AI and Expert System	2. Soft Computing	
		3. Data Mining and Warehousing	3. Scripting Languages	
		4. Digital Image Processing	4. Management Information Systems	
		5. Multimedia Systems	5. Cyber Laws	
7.	Computer Science & Engineering		1. E-Commerce	
			2. Computer Graphics And Visualisation	
			3. Java Programming	
			4. Distributed Databases & Object Oriented Databases	
			5. Enterprise Resource Planning	