

List of Fourth & Sixth Term 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	25.	Urban Planning and Management for Smart City
		2. Geology & Earth Science	2. Advanced Concrete Design			2.	Environmental Science	26.	Product Design
		3. Advanced Structural Design	3. Ground Water Management			3.	Sensors & Transducers (Except Electronics Engg. and Electronics & Telecommunication Engg.)	27.	Smart System and IOT
		4. Ground Water Management	4. Operation Research & Management			4.	Intellectual Property Right	28.	Metrology and Quality Control
		5. Earthquake Resistant Structures	5. Environmental Management			5.	Fuzzy Logic	29.	Campuspreneur Program
		6. Environmental Management				6.	Bio Systems in Engineering	30.	Value Empowerment
2.	Mechanical Engineering	1. Power Plant Engineering	1. Power Plant Engineering			7.	C++ Programming	31.	Business Research
		2. Design of Mechanical Drives	2. Design of Mechanical Drives			8.	JAVA Programming	32.	Brand Management
		3. Artificial Intelligence	3. Artificial Intelligence			9.	SAP	33.	Security Analysis and Investment Management
		4. Quality & Reliability Engineering	4. Quality & Reliability Engineering			10.	Foundation Course In Information Technology and Management	34.	Training and Development Practices and HRD
		5. Mechanical Vibration	5. Mechanical Vibration			35.	International Marketing and Export Import Procedures		
		6. Advanced I.C. Engines	6. Advanced I.C. Engines			11.	Nano-Technology	36.	IOS
		7. Renewable Energy Sources	7. Renewable Energy Sources			37.	Android Application Development		
3.	Electrical Engineering	1. Microprocessor Based Systems	1. Microprocessor Based Systems			12.	Unconventional Energy Systems	38.	Data Science
		2. Digital Signal Processing	2. Digital Signal Processing			13.	Reliability Engineering	39.	Artificial Intelligence
		3. Industrial Instrumentation and Automation	3. Industrial Instrumentation And Automation			14.	Material Science	40.	Indian Culture
		4. Electrical Energy Management	4. Electrical Energy Management			15.	Genetic Engineering	41.	Excel Training
4.	Electronics Engineering	1. Computer Graphics & Visualization	1. Computer Graphics & Visualization			16.	Constitution of India	42.	Digital Technology
		2. Television Engineering	2. TV Engineering			17.	Principles of Business Management	43.	Cosmology
		3. Mobile Communication	3. Mobile Communication			18.	Foundation Course in Marketing Management	44.	Smart Materials
		4. Sensors & Transducers	4. Sensors & Transducers			19.	Foundation Course in Human Resource Management	45.	Genetic Engineering
		5. Biomedical Engg	5. Biomedical Engineering			20.	Business Legislation	46.	Constitution of India
		6. Verilog HDL	6. Verilog HDL			21.	Foundation Course in Accounting	47.	Value Empowerment
		7. Transmission Lines and Antennas				22.	Quantitative Decision Making	48.	Environmental Science
		8. Display Technologies				23.	Financial Management	49.	Green Building
5.	Electronics & Telecommunication Engineering	1. Computer Graphics & Visualization	1. Computer Graphics & Visualization			24.	Finance for Non Financials	50.	Bio Sensors
		2. CMOS VLSI Design	2. CMOS VLSI Design					51.	Urban Planning and Management for Smart City
		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. Enerprise Resource Planning						