



**G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.**  
 (An Autonomous Institution under UGC Act, 1956)  
 C.R.P.F. Gate No. 3, Hingna Road, Digdoh Hills, Nagpur, Maharashtra 440 016 (India)

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

S.N.	Name of Branch	Elective-I	Elective-II
1.	Civil Engineering	1. Object Oriented Programming in C++	-----
		2. Traffic Engineering	
		3. Advanced Hydraulics	
		4. Soil Dynamics	
		5. Air Pollution & Solid Waste Management	
		6. Advance RCC Design	
2.	Mechanical Engineering	1. Industrial Robotics	1. Finit Element Method
		2. Tool Design	2. Computer Integrated Manufacturing
		3. Synthesis of Mechanism	3. Industrial Fluid Power
		4. Automobile Engineering	4. Management Information System
		5. Power Plant Engineering	5. Computer Aided Engineering
		6. Project Evaluation & Management	6. Refrigeration & Air Conditioning
		7. Material Handling System	7. Stress Analysis
		8. Advance I.C. Engines	
3.	Electrical Engineering	1. Non-Conv. Energy Sources	-----
		2. IT & Its application in P.S. control	
		3. Fuzzy Logic & Neural Network	
		4. Flex. A.C. Transmission Systems.	
		5. E.I.D.	
4.	Electronics Engineering	1. CMOS VLSI Design	-----
		2. Switching Theory	
		3. Fuzzy Logic & Neural Network	
5.	Electronics & Telecommunication Engineering	1. Digital System Design	-----
		2. Radar Engineering	
		3. Satellite Communication	
6.	Information Technology	1. Operation Research	1. Fuzzy System & Neural Networks
		2. Artificial Intelligence	2. Multimedia Systems
		3. VLSI Design	3. Digital Image Processing
7.	Computer Science & Engineering		4. CAD / CAM
			5. Management Information System
		1. Digital Signal Processing	1. Artificial Intelligence
		2. Computer Graphics	2. Enterprise Resource Planning
		3. Real Time Operating Systems	3. Operating System Design
		4. Fundamental of Multimedia	
		5. Advanced Computer Architecture	