



G.H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.

(An Autonomous Institution under UGC Act, 1956)

C.R.P.F. Gate No. 3, Hingna Road, Dighodh Hills, Nagpur, Maharashtra 440 016 (India)

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			1.	Advanced Electrical Drives
				2.	Electric Vehicles
				3.	Advanced Power Electronics
				4.	Modern Control Systems
				5.	Fuzzy & Neural Applications
3.	Electronics Engineering			1.	Radar & Satellite Communication
				2.	Micro Electro Mechanical Systems (MEMS)
				3.	Pattern Recognition
				4.	ASIC Design
				5.	RTOS
				6.	Mechatronics
4.	Electronics & Telecommunication Engineering			1.	Mobile Communication
				2.	Micro Electro Mechanical Systems(MEMS)
				3.	RTOS
				4.	PLC & SCADA
				5.	Robotics
5.	Computer Science & Engineering	Elective-IV		Elective-V	
		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	Elective-III		Elective-IV	
		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