

**MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY
BHOPAL – 462003
REVISED SCHEME FOR BATCH ADMITTED IN 2019**

Department of Electrical Engineering

B. Tech. (Electrical Engineering)

SEVENTH SEMESTER

Course Code	Course Name	Scheme of Studies Periods per week			Credits
		L	T	P	
EE 411	Modern Control System	3	-	-	3
	Department Elective-5(A)	3	-	-	3
	Department Elective-6(A)	3	-	-	3
	Department Elective-7(A)	3	-	-	3
	Open Elective 3 (C)	3	-	-	3
	Open Elective 4 (C)	3	-	-	3
EE 412	Modern Control System Lab	-	-	2	1
EE 413	Major Project Phase 1	-	3	2	4
EE 414	Educational Tour & Training	-	-	2	1
Total Hours =27		18	3	6	24

EIGHTH SEMESTER

Course Code	Course Name	Scheme of Studies Periods per week			Credits
		L	T	P	
	Department Elective-8(A)	3	-	-	3
	Department Elective-9(A)	3	-	-	3
	Department Elective-10(A)	3	-	-	3
EE 421 / EE 422	Major Project Phase 2 / Internship	-	-	12	6
EE 423	General Proficiency	-	-	-	1
Total Hours =21		9	-	12	16

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LIST OF ELECTIVES

List of Department Electives – A
EE 431 Reactive Power Control and FACTS EE 432 Power Quality EE 433 Energy Conservation EE 434 Entrepreneurship Development EE 435 Demand Side Management EE 436 Solar PV Applications EE 437 Special Machines EE 438 Advanced Microprocessor EE 439 Power System Deregulation EE 441 Digital Signal Processing EE 442 Electronics Instrumentation EE 443 High Voltage Engineering EE 444 Power System Stability and Control
List of Open Electives – C
EE 451 Artificial Neural Network EE 452 Microcontroller and its Applications EE 453 Operating System EE 454 Digital Signal Processor (TMS28XX Series) EE 455 Power Controller EE 456 Fuzzy Logic System EE 457 System Engineering EE 458 VLSI Design EE 459 Robotics EE 461 Industrial Electronics EE 462 Communication Engineering EE 463 Digital Image Processing Robotics EE 461 Industrial Electronics EE 462 Communication Engineering EE 463 Digital Image Processing