

**EC 2404 - ELECTRONIC SYSTEM DESIGN LAB**

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2. REGULATION CHARACTERISTICS OF FLYBACK CONVERTER
- 3 (i) DESIGN OF AM TRANSCEIVER
- 3 (ii) DESIGN OF FM TRANSCEIVER
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5. PCB LAYOUT DESIGN USING CAD
6. DESIGN OF DC VOLTAGE REGULATOR USING SCR
7. MICROCONTROLLER BASED SYSTEM DESIGN
8. DESIGN OF PROCESS CONTROL TIMER
9. DESIGN OF INSTRUMENTATION AMPLIFIER
10. DSP BASED DIGITAL FUNCTION GENERATOR
11. SIMULATION OF DC VOLTAGE REGULATOR USING SCR
12. SIMULATION OF AC VOLTAGE CONTROLLER USING SCR

# Electronic System Design Lab Manual Ec2404

**A Gutmann**



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