

INDEX

1. Preamble	1
2. Objective, Relevance and Outcome	2
3. List of Experiments	3
4. Text and Reference Books	4
5. Session Plan	5
6. Experimental Write-Up	6
6.1 Single phase ac voltage controller	
6.2 Resonant pulse commutation circuit	
6.3 Three phase full converter using rl&e loads	
6.4 Impulse commutation circuit	
6.5 Three phase inverter with pwm controller	
6.6 Single phase full converter	
6.7 Three phase half controlled bridge converter	
6.8 Single phase cycloconverter	
6.9 Single phase half controlled bridge converter	
6.10 Single phase fully controlled bridge converter	
7. Content Beyond Syllabus	71
8. Sample Viva Voce Questions	72
9. Sample External Laboratory Question Paper	76

10. Applications of the Laboratory	77
11. Precautions	78
12. Code of Conduct	79
13. Graphs ,if any	80