LIST OF PHOTOGRAPHS

Photograph 3.1 69
Photograph 3.2 70
Photograph 3.3 71
Photograph 3.4 71
Photograph 3.5 74
Photograph 3.6 75
Photograph 3.7 80
Photograph 3.8 80
Photograph 6.1 132

LIST OF TABLES

3.1 Multiphase winding configuration 53
3.2 No load test results when ABC terminals energized 73
3.3 No load test results when XYZ terminals energized 76
3.4 Load test results when ABC terminals energized 77
3.5 Load test results when XYZ terminals energized 78
6.1 Observation for V/f control of 6 phase IM 133
6.2 Observations for Vector control of Prototype Six phase IM 135