APPENDIX 1

A1.1 SCHEMATIC OF THE PV MODULE

Figure A1.1 MatLab /Simulink model of PV module
A1.2 SCHEMATIC OF Z-SOURCE INVERTER BASED PV POWER CONDITIONING SYSTEM

Figure A1.2 MatLab /Simulink model of Z-source inverter based MPPT system
APPENDIX 2

A2.1 EXPERIMENTAL SET-UP OF THE ELECTRONIC LOAD

Figure A2.1 Hardware set-up of the electronic load
A2.2 EXPERIMENTAL PROTOTYPE OF Z-SOURCE INVERTER BASED MPPT SYSTEM

Figure A2.2 Hardware set-up of Z-source inverter based MPPT system
A2.3 INSTALLATION OF PV MODULES

Figure A2.3 View of PV modules set-up