LIST OF FIGURES

FIGURE NO.	TITLES	PAGE NO.
3.1	Block diagram of the System	8
3.2	Circuit diagram of the dust bin monitoring unit	10
3.3	Circuit diagram of the Light automation	10
3.4	Block diagram of the power supply unit system	11
3.5	Functional circuit diagram of power supply unit	11
4.1	Pin Diagram of PIC16F877A	12
4.2	ESP8266EX Block Diagram	16
4.3	ESP8266 Module	17
4.4	Schematic of MQ-64.7	19
4.5	Pin Diagram of LM35	21
4.6	Pin details of HC-SR04	22
4.7	Schematic of LDR	23
4.8	Schematic of transformer	25
4.9	Transformer principles	26
6.1	Web page of the system	41
6.2	Dust bin low level	41
6.3	Dust bin overflow detected	42