

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE NO.
1.1	WSN Architecture	3
3.1	Block diagram of WSN deployment with cluster heads	70
3.2	Stages in LEACH	76
3.3	Flowchart of LEACH Protocol	79
3.4	Average End to End Delay	81
3.5	Average Packet Loss Rate	82
3.6	Lifetime Computation	82
4.1	Flowchart of cuckoo search	94
4.2	Number of clusters formed	95
4.3	Average End to End Delay (sec)	96
4.4	Average Packet loss rate (%)	97
4.5	Lifetime computation	98
5.1	Number of clusters formed	107
5.2	Avg End to end delay	107
5.3	Avg Packet loss rate	108
5.4	Lifetime computation	108