FIGURE NO	NAME OF THE FIGURE	PAGE NO
1.1.1	Applications of Wireless Sensor Networks	1
3.2.1	Throughput Difference in Proposed System	14
4.1.1	Architecture Diagram of Proposed System	18
4.2.1	Sequence Diagram	21
4.3.1	Use Case Diagram	22
4.4.1	Collaboration Diagram	23
5.1.3	Node Formation	26
5.1.3.1	Inter and Intra cluster	27

## LIST OF ABBREVIATIONS

1. BS - Base Station

2. CH - Cluster Head

3. WSN - Wireless Sensor Networks

4. IBFD - In-Band Full-Duplex

5. AN - Artificial Noise

6. MANET - Mobile Ad-Hoc Network

7. E2R2 - Energy-Efficient and Reliable Routing

8. DCH - Deputy Cluster Head

9. TCL - Tool Command Language

10. NS - Network Simulator

11. DSDV - Destination Sequenced Distance Vector Routing

12. TCP - Transmission Control Protocol

13. UDP - User Datagram Protocol