

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE NO.
1.1	Common Services of Internet	4
1.2	Information services	5
1.3	Communication Services	7
1.4	Data transfer services	8
1.5	Basic Secure Network Diagram	10
1.6	Security Requirements, Threats, and Attacks	16
1.7	Working of Firewall	18
1.8	Types of Jammers	19
1.9	Denial of Service Attack	25
1.10	Strategy of DoS Attacks	27
1.11	UDP Flood Attack	29
1.12	Distributed Jammer Network	31
3.1	Birth-Death rates for n active nodes	80
3.2	Birth-Death Random Process	87
3.3	Simulation of area considered in the Birth- Death Random Process	87
3.4	Simulation of the node representation of the Birth-Death Random Process	88
3.5	Comparison with mean and variance of Birth- Death Case Analysis	92
4.1	Birth-Death Ratio for Random values	99
5.1	Topology with attack source machine and a victim	103

FIGURE NO.	TITLE	PAGE NO.
5.2	The Details of Incoming Packets from a Sender	104
5.3	Inbound Details of a Packet from a Source Machine	105
5.4	Topology with attack source machine and a victim	106
5.5	Outbound Details of a Packet from a Source Machine	107
5.6	Inbound Details of a Packet from a Source Machine	108
5.7	Packet Delay with the Birth – Death Rates	110
5.8	Loss Rates of Signals with the Birth – Death Rates	111
5.9	Output Rates with the Birth – Death Rates	111