LIST OF FIGURES

Figure 2.1  Evolutions of Mobile Communication Systems
Figure 2.2  Integration of various technologies in 4G
Figure 2.3  Horizontal Handover
Figure 2.4  Vertical Handover
Figure 2.5  Mobile IP routing
Figure 2.6  Hierarchical Mobile IPv6 (HMIPv6)
Figure 2.7  Fast Mobile IP routing
Figure 2.8  Architecture of PMIPv6
Figure 2.9  PMIPv6 Initial Attachments and Signal Flow
Figure 2.10 Handover in PMIPv6
Figure 2.11 Scope of Intelligent Agents
Figure 2.12 Origin of Intelligent Agents
Figure 2.13 An Active Document
Figure 2.14 Multi Agent System
Figure 2.15 Features of MAS
Figure 2.16 Classifications of Agents in MAS
Figure 2.17 SMART Architecture
Figure 2.18 D’ Agent Architecture
Figure 2.19 Grasshopper Architecture
Figure 2.20 Aglet Architecture
Figure 2.21 The FIPA 97 agent reference model
Figure 2.22 FIPA Component Model
Figure 2.23  Java Agent Development Environments
Figure 2.24  Structure of an Aglet
Figure 3.1  Smart Decision Model
Figure 3.2  The Architecture of Autonomic Manager
Figure 3.3  ASAM context and its main agent entities
Figure 3.4  PL-PMIPv6 System Model
Figure 4.1  High Level View of IAF-PMIPv6
Figure 4.2  Proposed Duties of Agents at Different Levels
Figure 4.3  Working of Smart Vertical Handover
Figure 4.4  Future 4G Architecture
Figure 4.5  Mobile Agent based Emigration Framework for 4G
Figure 4.6  State Diagram of MAEF: The Proposed Work
Figure 4.7  Working of MAG and Mobile Agents for ABC
Figure 4.8  Smart Solution for Vertical Handover
Figure 4.9  Responsibilities of MAGagent
Figure 4.10  Flow Diagram showing working of MAG and LMA Agent
Figure 4.11(a)  MAG Before Load Balance
Figure 4.11(b)  After Load Balancing Algorithm
Figure 4.12  Integrated View of Intelligent Agent Framework for Proxy Mobile IPv6 (IAF-PMIPv6)
Figure 4.13  Performance Comparisons between PMIPv6 and IAF-PMIPv6.
Figure 5.1  A Sample of CA X.509 Certificate
Figure 5.2  Proposed structure of Trust Certificate
Figure 5.3  Computations of Weights of Various Parameters
Figure 5.4  Interaction of MAG_{Agent} with MN_{Agent}
Figure 5.5  Trust Certificate Flow Diagrams