LIST OF FIGURES

Figure 1.1 SEI - Capability Maturity Model levels .......................................................... 5
Figure 2.1 Software life cycle “V” Model........................................................................ 13
Figure 4.1 Typical output screen of the SA with Cyclomatic Complexity ..................... 40
Figure 4.2 Screen output of the SA detailing Comment to Code ratio ......................... 41
Figure 4.3 Typical variation of failure intensity............................................................ 43
Figure 6.1 Classifications of Software Reliability Model............................................... 57
Figure 6.2 Intensity of Failure in Normal development and Deployment..................... 60
Figure 6.3 Concatenated failure rate function for Jelinski - Moranda mod.................... 65
Figure 6.4 Testing in software development cycle......................................................... 69
Figure 6.5 Intensity of Failure in Reliability Growth model......................................... 70
Figure 6.6 Typical System Un-Availability ................................................................. 72