## **List of Figures**

Figure 2.1: Example of sequential constructive and crossover operator	12		
Figure 3.1: Coordinates of cities' locations	20		
Figure 3.2: Flowchart of Genetic Algorithm	32		
Figure 4.1: Coordinates of the 15 cities for solving TSP using GA	33		
Figure 4.2: Path obtained after applying TSP using PSO	38		
		Figure 4.5: Coordinates of cities for solving TSP.	39
		Figure 4.6: Shortest path after applying GA on TSP	39
Figure 4.7: Snapshot of the output of GA for solving TSP	40		