CHAPTER 3

Objectives
The objectives of this thesis are given below:

1. Development of software for combining mass spectrometry data from X! Tandem, Mascot and OMSSA search algorithms

2. Development of a genome annotation module for annotation of genomes using mass spectrometry derived data

3. Use of genome annotation module for genome annotation of *Anopheles gambiae* mosquito

4. Development of software for handling proteomic and pathway data