



Chapter 2
Aim & Objectives of the Study



GRAPHICAL OVERVIEW OF THE CHAPTER



HIGHLIGHTS OF THE CHAPTER

- **Aim of the thesis**
- **Objectives of the study**

CHAPTER 2

AIM & OBJECTIVES OF THE STUDY

2.1 AIM

“Development of metallic nano-systems (gold and silver) for anti-microbial and sensing applications”.

2.2 OBJECTIVES

1. Development and characterization of gentamicin conjugated gold nanoparticles.
2. To evaluate the antimicrobial potential of developed drug-conjugated gold nanoparticles.
3. Development and characterization of quercetin conjugated silver nanoparticles.
4. Investigation of sensing potential of synthesized nano-conjugate for the detection of l-cysteine.