CHAPTER-3

OBJECTIVES OF PRESENT INVESTIGATIONS
The author has the following objectives in mind in connection with his Ph.D programme.

1) It is proposed to develop simple, selective, rapid and cheap methods for the determination of paracetamol, ascorbic acid, aspirin, penicillin. These methods direct or indirect are based on color reactions.

2) The author proposes to develop methods for the determination of tetracyclines which are based on complexation reactions with metal ions. In each case optimum conditions are established. The methods may be used for the determination of tetracycline as well as the metal ion.

3) In this objective, the author proposes to develop simple methods for the determination of cephalosporins. Suitable conditions such as pH, effect of reagent concentrations and time are studied.

4) The methods developed by the author will be applied to real samples containing the organic compounds used in these methods.

5) The methods reported to be published and these are recommended to pharmaceutical laboratories involved in the analysis of these drugs.