CONTENTS

CHAPTER Acknowledgements 1

List of Tables and Figures vi

I INTRODUCTION 1 - 19

1.1 Introduction

1.2 Concepts of the Problem and Definition

1.3 Purpose of the Study

1.4 Utility of the Study

1.5 Hypotheses

1.6 Limitations of the Study

1.7 Plan of the Study

II REVIEW OF LITERATURE 20 - 35

2.1 Related Studies

2.2 Relevant Studies

III METHODOLOGY 36 - 46

3.1 Discipline Selection

3.2 Sample Selection and Description

3.3 Data Gathering Techniques

3.4 Collection of Data

3.5 Data Analysis
IV MADRAS CITY - ITS MEDICAL ENVIRONMENT

4.1 Location and Size
4.2 Growth of the City
4.3 Population
4.4 The City at Present
4.5 Private Medical Establishments in the City

V INFORMATION SEEKING BEHAVIOUR ITS BASIC CONCEPTS

5.1 What is Information?
5.2 Information Needs
5.3 Information Needs of Individuals
5.4 Information Seeking Behaviour
5.5 Information Gathering

VI INFORMATION SEEKING BEHAVIOUR OF MEDICAL SPECIALISTS IN MADRAS CITY: SURVEY ANALYSIS

6.1 Introduction
6.2 Hypotheses
6.3 The Scoring Design
6.4 The Testing of the Hypotheses
6.5 Findings
6.6 Graphical and Pictorial Depiction
6.7 Concluding Discussion
VII PLAN FOR MEDICAL INFORMATION SYSTEM FOR MADRAS CITY 135 - 220

7.1 Introduction
7.2 Total Systems View
7.3 Central Medical Information Facility (CMIF) (Madras Medical College Library)
7.4 Building up of Medical Information Sources or Data Base
7.5 Medical Information Services
7.6 Manpower Plan

VIII COMPUTERIZED MEDICAL INFORMATION SYSTEM FOR MADRAS CITY 221 - 251

8.1 Emerging Information Sector
8.2 Information Technology, its growth and its Dimensions.
8.3 Medical Libraries and Information Technology
8.4 Reference Networks
8.5 The Microcomputer Revolution
8.6 Recent Developments
8.7 Present Environment
8.8 Data Networking and use of External Database
8.9 Some Thoughts

IX SUMMARY CONCLUSIONS AND SUGGESTIONS 253 - 266

BIBLIOGRAPHY 267 - 293

APPENDIX-I : List of Hospitals in Madras City
APPENDIX-II : Questionnaire