# Contents

Acknowledgements vii

List of Tables viii

Abstract xi

1 Knowledge Sharing: An Historical Overview 1

1.1 Introduction 1

1.2 Library Cooperation 3

1.3 Automation of Libraries 14

1.4 Library Networks 15

1.5 Impact of Library Automation on Knowledge Networking 16

1.6 Automated Services 17

1.7 International Cooperation 20

1.8 Information Systems in the Knowledge Era 24

1.9 Information and Communication Networks 24

1.10 Knowledge Sharing 25

1.11 Knowledge-Based Systems 26

1.12 Technology Issues 27

1.13 Barriers to Knowledge Sharing 27

1.14 Knowledge-Based Systems for Libraries 28

1.15 Conclusion 30

2 Knowledge Acquisition: Issues and Strategies 35

2.1 Introduction 35

2.2 Knowledge Cycle 36

2.3 The Characteristics of Knowledge 38

2.4 Issues for Knowledge Acquisition 40

2.5 Knowledge Acquisition on the Web 45

2.6 Knowledge Acquisition Strategies 58

2.7 New Roles for LIS Professionals 60

2.8 Conclusion 64
3 Knowledge Resources and Services

3.1 Introduction

3.2 Transition from Information Resources to Knowledge Resources

3.3 E-Knowledge

3.4 Knowledge Resources: Private or Public Goods

3.5 The Knowledge Resources

3.6 Value Added Knowledge Databases/Resources

3.7 Paradigm shift – Information Services to Knowledge Services

3.8 What is a Knowledge Service?

3.9 Need for Knowledge Services

3.10 Knowledge Services Architecture

3.11 The value addition by the Libraries

3.12 National Knowledge Services: Some Initiatives

3.13 Knowledge Delivery in the 21st century

3.14 Conclusion

4 Social Software: Tools and Applications

4.1 Introduction

4.2 Social Software

4.3 Web 2.0 Tools

4.4 Social Networking and its relevance in Libraries

4.5 Conclusion

5 Library Networks in the Knowledge Era

5.1 Introduction

5.2 Features of a Library Network

5.3 Library Networks of the World: an Overview

5.4 Survey among the Library Networks

5.5 Library Networks in the Knowledge Era

5.6 Knowledge Centres

5.7 Conclusion