INDEX

No.	Name of the Title	Page No.
Chapter-I	**Introduction**	**01-10**
1.1	Introduction	01
1.2	Background of medical education	01
1.3	Need for medical libraries	02
1.4	Significance of Study	03
1.5	Reason for Selection of Topic	03
1.6	Scope of the Study	04
1.7	Objectives	05
1.8	Hypothesis	05
1.9	Research Methodology	06
1.10	Structure of the Study	07
Chapter-II	**Review of Literature**	**11-19**
2.1	Introduction	11
2.2	Library Services and Facilities	11
2.3	Collection Development	14
2.4	Information Technology (ICT)	14
Chapter-III	**Medical Education System in India**	**20-34**
3.1	Introduction	20
3.2	Ancient Medical Education	20
3.3	Medical Education before 1947	20
3.4	Medical Education Systems after 1947	22

No.	Name of the Title	Page No.
3..5	Types of Medical Education	24
3.6	Continues of Medical Education	26
3.7	Present Status of Medical Education	28
Chapter-IV	**Status of Medical College Libraries in Maharashtra**	**35-54**
4.1	Introduction	35
4.2	Status of Medical College Libraries in Maharashtra	35
4.3	Status of Medical College and Libraries in Maharashtra: Division & District wise	37
4.4	Ranking of Medical College by Percentagewise in Maharashtra	43
4.5	Status of Medical Libraries users in Maharashtra: Division & Districts wise	44
Chapter-V	**Medical Information Sources and Services**	55-86
5.1	Introduction	55
5.2	Medical resources: Print & e –resources	55
5.3	Trends in Medical Publishing and Open Access ICMR	68
5.4	Medical Consortiums	71
5.5	Library Services in Digital Era	75
5.6	Libraries Automation	81
Chapter-VI	**Data Analysis**	87-131
6.1	Introduction	87
6.2	About Medical colleges	87

No.	Name of the Title	Page No.
6.3	About librarians	92
6.4	About library	97
6.5	Library Modern Technology	123
6.6	Library Services	124
6.7	Safety Measure	126
6.8	Status of Medical Library Association	128
6.9	Status of Medical Consortia	129
6.10	Participation in Seminars, Conferences & Workshops	130
Chapter-VII	**Ideal Library for Medical Science**	132-146
7.1	Introduction	132
7.2	Need for Developing Model for Medical Library	133
7.3	Units in Medical Library	137
7.4	Library Services	138
7.5	Major Facilities	138
7.6	Information Technology Infrastructure	142
7.7	Major Precautions	145
7.8	Library Network & Consortium	146
Chapter-VIII	**Finding, Suggestion & Conclusion**	**147-161**
8.1	Introduction	147
8.2	Finding	147
8.3	Suggestion	153
8.4	Conclusion	160

No.	Name of the Title	Page No.
	Hypothesis Testing	162-173
	Bibliography	174-182
Appendix-I	**List of Medical College Libraries in Maharashtra**	183-184
Appendix-II	**Hypothesis chart**	185-191
Appendix-III	**Questionnaire for Librarian**	192-197

CHAPTER-I

INTRODUCTION

Sr. No.	Name of the Title	Page No.
1.1	Introduction	01
1.2	Background of medical education	01
1.3	Need for medical libraries	02
1.4	Significance of Study	03
1.5	Reason for Selection of Topic	03
1.6	Scope of the Study	04
1.7	Objectives	05
1.8	Hypothesis	05
1.9	Research Methodology	06
1.10	Structure of the Study	07

CHAPTER-II

REVIEW OF LITERATURE

Sr. No.	Name of the Title	Page No.
2.1	Introduction	11
2.2	Library Services and Facilities	11
2.3	Collection Development	14
2.4	Information Technology (ICT)	14

CHAPTER-III

MEDICAL EDUCATION SYSTEM IN INDIA

Sr. No.	Name of the Title	Page No.
3.1	Introduction	20
3.2	Ancient Medical Education	20
3.3	Medical Education before 1947	20
3.4	Medical Education Systems after 1947	22
3..5	Types of Medical Education	24
3.6	Continues of Medical Education	26
3.7	Present Status of Medical Education	28

CHAPTER-IV

STATUS OF MEDICAL COLLEGE LIBRARIES IN MAHARASHTRA

Sr.No.	Name of the Title	Page No.
4.1	Introduction	35
4.2	Status of Medical College Libraries in Maharashtra	35
4.3	Status of Medical College and Libraries in Maharashtra: Division & District wise	37
4.4	Ranking of Medical College by Percentagewise in Maharashtra	43
4.5	Status of Medical Libraries users in Maharashtra: Division & Districts wise	44

CHAPTER-V

MEDICAL INFORMATION SOURCES AND SERVICES

Sr. No.	Name of the Title	Page No.
5.1	Introduction	55
5.2	Medical resources: Print & e –resources	55
5.3	Trends in Medical Publishing and Open Access ICMR	68
5.4	Medical Consortiums	71
5.5	Library Services in Digital Era	75
5.6	Libraries Automation	81

CHAPTER-VI

DATA ANALYSIS

Sr.No.	Name of the Title	Page No.
6.1	Introduction	87
6.2	About Medical colleges	87
6.3	About librarians	92
6.4	About library	97
6.5	Library Modern Technology	123
6.6	Library Services	124
6.7	Safety Measure	126
6.8	Status of Medical Library Association	128
6.9	Status of Medical Consortia	129
6.10	Participation in Seminars, Conferences & Workshops	130

CHAPTER-VII

IDEAL LIBRARY FOR MEDICAL SCIENCE

Sr. No.	Name of the Title	Page No.
7.1	Introduction	132
7.2	Need for Developing Model for Medical Library	133
7.3	Units in Medical Library	137
7.4	Library Services	138
7.5	Major Facilities	138
7.6	Information Technology Infrastructure	142
7.7	Major Precautions	145
7.8	Library Network & Consortium	146

CHAPTER-VIII

FINDING, SUGGESTION & CONCLUSION

Sr. No.	Name of the Title	Page No.
8.1	Introduction	147
8.2	Finding	147
8.3	Suggestion	153
8.4	Conclusion	160

LIST OF TABLES

Sr. No.	Name of the Title	Page No.
4.1	Total Number Medical College Libraries in Konkan division	37
4.2	Total Number Medical College Libraries in Pune division	38
4.3	Total Number Medical College Libraries in Amravati ivision	39
4.4	Total Number Medical College Libraries in Nasik division	40
4.5	Total Number Medical College Libraries in Aurangabad division	41
4.6	Total Number Medical College Libraries in Nagpur division	42
4.7	Division wise percentage of Medical College in Maharashtra	43
4.8	Total Number Medical College Library user in Konkan division	44
4.9	Total Number of Library Users in Pune Division-	45
4.10	Total Library Users in Nagpur Division	46
4.11	Total Library Users in Nasik Division	47
4.12	Total Library Users in Aurangabad Division	48
4.13	Total Library Users in Amravati Division	49
4.14	Division wise Library User Ranking in Maharashtra	50
6.1	College Establishment Year	88
6.2	Location of Medical College in Maharashtra	89
6.3	The status of various Medical organizations based on their funding	90
6.4	Strength of Staff	91

Sr. No.	Name of the Title	Page No.
6.5	Student Strength	92
6.6	The Status of Qualifications of Librarians	93
6.7	Salary Scale of Librarians	94
6.8	Age Group of Librarian	95
6.9	Publication of Research Paper by Librarian	96
6.10	Separate Library Building	97
6.11	Total area of the Library	98
6.12	Total area of the Reading Room	99
6.13	Total area of Reference Section	100
6.14	Journal Section	101
6.15	Total Area of the Stack Section	102
6.16	Digital Library	103
6.17	Student Reading Capacity	104
6.18	Total no. of Books in Library	105
6.19	Total Number of National Journals	106
6.20	International Journal	107
6.21	Bound Volumes	108
6.22	Library Budget	109
6.23	Budget for Journals	110
6.24	No. of Library staff	111
6.25	Training programme For Library Staff	112
6.26	Library Working hours	113
6.27	Reading Hall Open Times	114

Sr. No.	Name of the Title	Page No.
6.28	Book Access System	115
6.29	Library Committee, Department Library and Advisory	116
6.30	Book Issue Return Per Day	117
6.31	Classification Scheme	118
6.32	Catalogue Scheme	119
6.33	Library Computerized	120
6.34	Status of Library Software	121
6.35	Library Automation	122
6.36	Library Modern Technique	123
6.37	Library Services	124
6.38	Library Product	126
6.39	Safety Measure	127
6.40	Status of Medical Library Association	128
6.41	Status of Medical Library Consortia	129
6.42	Participation for Seminar, Conferences and Workshop	130

LIST OF FIGURES

Sr. No.	Name of the Title	Page No.
4.1	No. of Medical Colleges in Konkan Division	37
4.2	No. of Medical Colleges in Pune Division	38
4.3	Number of Medical Colleges in Amravati Division	39
4.4	No. of Medical College in Nasik Division	40
4.5	No. of Medical Colleges in Aurangabad Division	41
4.6	No. of Medical Colleges in Nagpur Division	42
4.7	Divisionwise Percentage of Medical College in Maharashtra	43
4.8	Users in Pune Division	44
4.9	Konkan Division	45
4.10	Nagpur Division	46
4.11	Nasik Division	47
4.12	District wise Library Users in Aurangabad Division	48
4.13	Amravati Division	49
4.14	Total Library Users	50
4.15	Total Undergraduate Medical College Library User in Maharashtra	51
4.16	Post Graduate Medical College Library User in Maharashtra	51
4.17	Total Research Library User in Maharashtra	52
6.1	College of Establishment Year	88
6.2	Location of Medical College	89
6.3	Status of various Medical Organizations based on their	90

Sr. No.	Name of the Title	Page No.
	funding	
6.4	Strength of Staff	91
6.5	Strength of Student	92
6.6	Status of Qualification	93
6.7	Salary Scale of Librarians	94
6.8	Age Group of Librarian	95
6.9	Publication of Research Paper by Library Staff	96
6.10	Status of Library Separate / not Separate Building	97
6.11	Total Area of the Library	98
6.12	Total Area of Reading Room	99
6.13	Total Area of Reference Section	100
6.14	Diagrammatic Presentation for Total Area of the Journal Section	101
6.15	Stack Section	102
6.16	Digital Library	103
6.17	Total Reading Capacity in Library	104
6.18	Books Stack in Library	105
6.19	Total number of National Journals	106
6.20	International Journals	107
6.21	Bound Volumes	108
6.22	Budget for Books	109
6.23	Library Budget for Journal	110
6.24	Library Staff	111

Sr. No.	Name of the Title	Page No.
6.25	For Library Staff	112
6.26	Library Working Hours	113
6.27	No of Libraries Reading Hall Open 24 hours	114
6.28	Book Access System	115
6.29	Status of Library Committee, Department Library and Advisory	116
6.30	Status of Book Issue Return Per Day	117
6.31	Classification Scheme	118
6.32	Catalogue Scheme	119
6.33	Library Computerized	120
6.34	Status of Library Software	121
6.35	Library Automation	122
6.36	No. Library Modern Technology	123
6.37	Library Services	125
6.38	Library Product	126
6.39	Safety Measure	127
6.40	Status for Library Association	128
6.41	Status of Medical Library Consortia	129
6.42	Participation of medical libraries	130