

## Contents

<b>Chapter 1 Introduction</b> .....	<b>1</b>
1.1 Background of the Study.....	1
1.2 Statement of the Problem.....	3
1.3 Objectives of the Study .....	4
1.4 Hypotheses of the Study .....	5
1.5 Variables Studied.....	6
1.6 Pilot Study .....	6
1.7 Research Methodology .....	6
1.7.1 Type of Study.....	6
1.7.2 Type of Data.....	6
1.7.3 Method of Study.....	7
1.8 Sampling Design .....	7
1.8.1 Sample Frame .....	7
1.8.2 Sampling Units .....	7
1.8.3 Sample Size .....	8
1.8.4 Sampling Techniques .....	8
1.8.5 Method of Data Collection.....	10
1.8.6 Technique of Data Collection.....	11
1.8.7 Period of Data Collection .....	11
1.8.8 Analysis of Data .....	11
1.9 Operative Definitions and Explanations .....	11
1.9.1 Marketing .....	11
1.9.2 Service Marketing .....	11
1.9.3 Health .....	11
1.9.4 Tourism .....	11
1.9.5 Health Tourism .....	12
1.9.6 Health Tourism Products .....	12
1.9.7 Health Tourism Providers .....	12
1.9.8 Health Tourism Users .....	12
1.9.9 Health Tourism Marketing .....	12
1.10 Relevance and Importance of the study .....	12
1.11 Limitations of the Study.....	13
1.12 Scheme of the Study .....	14

References .....	15
<b>Chapter 2 Literature Review.....</b>	<b>17</b>
2.1 Definitions of Tourism .....	17
2.1.1 WTO Definition.....	18
2.1.2 Webster Dictionary Definition .....	18
2.1.3 International Association of Scientific Experts in Tourism (AIEST) conceptualized the definition with five main characteristics:.....	18
2.2 Literature Reviews .....	18
2.2.1 Dr.Mohan Lal Agrawal .....	18
2.2.2 Professor Lindsay W. Turner .....	19
2.2.3 Fuchs & K. Weiermair .....	19
2.2.4 Jennifer A. Seif .....	20
2.2.5 Indrajit Hazarika .....	20
2.2.6 Dov Kolani and Ovadia Kedmi .....	21
2.2.7 A Tourism Vision for Sefton .....	21
2.2.8 Aparna Raj.....	22
2.2.9 Libison.K.B. and Muraleedharan.....	22
2.2.10 Dr. M. Sarngadharan and Dr. V.S. Sunanda.....	22
2.2.11 Amith sharma, and Kamal K Mishra .....	23
2.2.12 Amithab Vikram D and Adithi D .....	23
2.2.13 Sajith. M. and V.K, Janardanan.....	24
2.2.14 Jothis T. and V.K, Janardanan .....	24
2.2.15 Bindu V.T, Chitramani.P.and Babu P. George .....	24
2.2.16 A.M. Ravindran and A.Vinodan.....	25
2.2.17 Kalidas Sawkar, Ligia Noronha, Antonio Mascarenhas .....	25
2.2.18 Jenna Kaitlyn Shedd .....	26
2.2.19 Tourism Partnership North Wales Tourism Strategy North wales 2003-2008.....	26
2.2.20 Patrick V. Gillett .....	27
2.2.21 Jin Huh .....	27
2.2.22 Brigita Cseriova and Zofia Konieczna.....	28
2.2.23 Phan Thi Kim Lien .....	28
2.2.24 Marc Piazzolo and Nurşen Albayrak Zanca.....	29
2.2.25 Sara Caballero-Danell and Chipu Mugomba .....	29
2.2.26 Sarah McBride .....	29

2.2.27 Sajna S. Shenoy.....	30
2.2.28 Dr. Shishupal Singh Bhadu.....	30
2.2.29 Elise Smith and Jason Behrmann.....	31
2.2.30 Abdullahel Hadi .....	31
2.2.31 Dr Konstantinos Andriotis.....	32
2.2.32 Vandana Maini.....	32
2.2.33 Dr Christine Lee and Dr Michael Spisto.....	33
2.2.34 Srinivasan Kannan.....	33
2.2.35 Dr. Anupama Sharma.....	33
2.2.36 Ramash U and Kurian Joseph.....	33
2.2.37 Dr Rajendra Mishra and Kumar Shailesh.....	34
2.2.38 Ann Sommer Rutherford.....	35
2.2.39 Saptarshi Dutta, Mukul Sengupta, Susanta Kumar Rout .....	35
2.2.40 Nicola S Pocock and Kai Hong Phua.....	36
2.2.41 Marc Piazolo and Nursen Albayrak Zanca .....	36
2.2.42 Mihaela dinu, Alexandra zbuchea, Adrian Cioaca.....	37
2.2.43 Neil Lunt, Mariann Hardey and Russell Mannion .....	38
2.2.44 Barney Warf.....	38
2.2.45 Weighing the Gats on a Development Scale .....	38
2.2.46 Caribbean Environmental Network.....	39
2.2.47 G. K. Shaw.....	39
2.2.48 Ramaiah tumalla and Dr G V R K Acharyulu.....	39
2.2.49 E-tourism in England.....	40
2.2.50 P H Rao .....	40
2.2.51 Camelia Surugiu.....	41
References .....	42
<b>Chapter 3 Overview of Tourism Marketing .....</b>	<b>49</b>
3.1 Marketing .....	49
3.2 Services marketing.....	51
3.2.1 The 7 P's of Services Marketing .....	54
3.3 The Process of Service Marketing Planning .....	56
3.4 Tourism.....	59
3.5 Tourist and visitor.....	62
3.6 Travelling- Meaning.....	64

3.7 Tourist Establishments.....	64
3.8 Tourist Attractions – Meaning.....	65
3.9 Touring Areas.....	66
3.10 Touring Activities.....	66
3.11 Touring Services.....	66
3.12 Tourism.....	66
3.13 Types of Tourism.....	73
3.14 Social Objectives and Indicators of Tourism.....	75
3.14.1 Involve the Local Community in Planning and Decision-Making.....	75
3.14.2 Assess Social Impacts as a Prerequisite to Developing Tourism.....	76
3.14.3 Maintain and Encourage Social and Cultural Diversity.....	77
3.14.4 Be Sensitive to the Host Culture.....	78
3.15 Environmental Objectives and Indicators.....	80
3.15.1 Assess Environmental Impacts as a Prerequisite to Developing Tourism.....	80
3.15.2 Use Local Resources Sustainably, Avoid Waste and Over-Consumption.....	81
3.15.3 Maintain and Encourage Natural Diversity.....	82
3.15.4 Personal Suitability for a Tourism Business.....	82
3.15.5 Factors which are Likely to Dictate the Success or Failure of a Tourism Business.....	83
3.15.6 What Special Knowledge, Skills and Resources Required for Tourism.....	84
3.15.7 Industry Structure or Consumer Behaviour.....	85
3.16 World Tourism.....	88
3.16.1 Thailand.....	91
3.16.2 South Africa.....	92
3.16.3 Argentina.....	92
3.16.4 Dubai.....	92
3.16.5 Other Countries.....	92
3.17 Tourism in India.....	93
3.17.1 Opportunities.....	96
3.17.2 Threats.....	96
3.18 11 <sup>TH</sup> Plan Strategy on Tourism.....	96
3.18.1 Strategy for Tourism Development in the 11 <sup>th</sup> Five-Year Plan.....	97
3.18.2 International Tourism.....	97
3.18.2.1 Revenues.....	98

3.18.2.2	Seasonality .....	98
3.18.2.3	Average Length of Stay .....	98
3.18.2.4	Purpose of Visit.....	98
3.18.2.5	Expenditure.....	98
3.18.3	Domestic Tourism.....	99
3.18.4	Strategies for Tourism Development.....	99
3.18.4.1	Development of Infrastructure and Destination Management for 11 <sup>th</sup> Plan .....	99
3.19	Tourism Marketing .....	104
3.20	Tourism in Kerala.....	104
3.20.1	Performance of Kerala Tourism .....	105
3.20.2	Indicators on Economic Impact of Tourism .....	105
3.20.3	Marketing Initiatives .....	105
3.20.4	Cultural Initiatives.....	105
3.20.5	New Policy Initiatives.....	106
3.20.6	Top Performance .....	106
3.20.7	Supporting Agencies or Organizations for the promotion of tourism.....	107
3.20.7.1	Kerala Tourism Development Corporation (KTDC).....	108
3.20.7.2	District Tourism Promotion Councils (DTPC's).....	108
3.20.7.3	Tourist Resort Kerala Ltd (TRKL).....	108
3.20.7.4	Beikal Resort Development Corporation (BRDC).....	108
3.20.7.5	Kerala Institute of Tourism and Travel Studies (KITTS) and Food and Craft Institutes (FCIs).....	109
3.20.8	Eco – Tourism.....	109
3.20.8.1	Thenmala Ecotourism Project .....	109
3.20.8.2	Ecotourism initiatives Implemented through Forest Department.....	110
3.20.8.3	Jadayupara Tourism Project.....	111
3.20.9	Promotion and Publicity.....	111
3.20.10	Awards & Recognitions.....	112
3.20.11	Threats to the Tourism Industry.....	112
3.21	Tourist Destinations in Kerala .....	112
3.21.1	Kovalam Beach .....	113
3.21.2	Chowra Beach .....	113
3.21.3	Alappuzha .....	113
3.21.4	Kumarakom.....	113

3.21.5 Thekkady (Periyar).....	113
3.21.6 Kochi (Cochin).....	113
3.21.7 Munnar Hills .....	114
3.21.8 Wayanad.....	114
3.21.9 Thiruvananthapuram .....	114
3.21.10 Cherai Beach .....	114
3.22 Tourist Products .....	114
3.23 Tourist Products in Kerala .....	115
3.23.1 Kerala Hill Station Tourism .....	116
3.23.2 Kerala Wildlife Tourism .....	117
3.23.3 Kerala Beach Tourism.....	117
3.23.4 Kerala Ayurveda Tourism.....	118
References .....	119

## **Chapter 4 Concept of Health Tourism and Products..... 121**

4.1 Health .....	121
4.1.1 Aspects of Health.....	122
4.1.1.1 Physical Health .....	122
4.1.1.2 Mental Health.....	123
4.2 History of Health Tourism.....	124
4.3 Health Tourism Definitions .....	126
4.4 Challenges and Threats of the Expansion of Health Tourism in India .....	127
4.4.1 Create Inequitable Health Systems .....	127
4.4.2 Intensify Shortages of Skilled Health Professionals .....	128
4.4.3 Raise Quality of Care and Accreditation Issues .....	129
4.4.4 Promote Unregulated Growth of the Private Sector .....	130
4.4.5 Increase cost of Medical Treatment .....	130
4.4.6 Raise Medical Liability Issues .....	131
4.5 Need of Health Tourism .....	132
4.6 Health Tourism Products .....	132
4.7 factors influencing Health Tourism products .....	134
4.8 Health Tourism in India.....	135
4.9 Health Tourism in Kerala.....	136
4.9.1 Kerala's Model for Success.....	137
4.10 Health Tourism Products in Kerala.....	138

4.10.1 Cardiac Care .....	139
4.10.2 Orthopedic Treatment .....	140
4.10.2.1 The Joint Replacement Program at Providence .....	141
4.10.2.2 Arthrodesis .....	141
4.10.2.3 Arthroscopy .....	141
4.10.2.4 Osteotomy .....	141
4.10.2.5 Synovectomy .....	141
4.10.3 ENT .....	142
4.10.4 General Surgery.....	143
4.10.5 Cosmetic Treatment.....	143
4.10.5.1 Eyebrows Botox brow lift .....	143
4.10.5.2 Forehead treatment .....	143
4.10.5.3 Nefertiti neck .....	144
4.10.5.4 Sweat free underarm and palms .....	144
4.10.5.5 Hairless smooth skin .....	144
4.10.5.6 Younger looking hands.....	144
4.10.5.7 Crow's feet.....	144
4.10.5.8 Nasolabial and mentolabial .....	144
4.10.5.9 Tear trough .....	144
4.10.5.10 Apples of the cheek.....	145
4.10.5.11 Non-surgical rhinoplasty .....	145
4.10.5.12 Smile correction .....	145
4.10.5.13 Lips .....	145
4.10.5.14 Chin augmentation.....	145
4.10.5.15 Chiselled jaw line .....	145
4.10.6 Urology .....	146
4.10.7 Ophthalmology .....	146
4.10.8 Fertility Treatment .....	147
4.10.9 Yoga and Meditation.....	148
4.10.10 Ayurveda .....	148
4.10.11 Naturopathy .....	149
4.11 Relevance of Health Tourism in Kerala.....	149
4.12 The Advantages of Kerala in health Tourism .....	149
4.12.1 Some Reasons for Travel of Foreign Patients to Kerala: .....	150
4.13 Marketing of Health tourism Products in Kerala.....	150

4.14 Risk in Health Tourism .....	155
4.14.1 Legal Issues.....	156
4.14.2 Ethical Issues.....	156
4.15 Scanning Marketing Environment for Health Tourism .....	156
4.16 Micro Environment of Health Tourism.....	157
4.17 Health Tourism Macro-Environment -PEST Analysis .....	157
4.18 Positioning – the New Approach in Health Tourism Marketing.....	158
4.19 The Marketing Mix in Health Tourism.....	159
4.20 Health Tourism Product Life Span .....	160
4.20.1 New Product Development in Health Tourism Marketing.....	161
4.20.2 Product Life Cycle of Health Tourism Products .....	161
4.21 Service Quality in Health Tourism .....	162
4.21.1 Measuring Service Quality.....	165
4.21.2 Measuring Subjective Elements of Service Quality.....	165
4.21.3 Measuring Objective Elements of Service Quality.....	165
4.22 States Promoting Health Tourism in India .....	165
4.22.1 West Bengal.....	166
4.22.2 Kerala.....	166
4.22.3 Gujarat .....	166
4.22.4 Karnataka.....	167
4.22.5 Maharashtra .....	167
References .....	168

<b>Chapter 5 Analysing Marketing Opportunities for Health Tourism Products in Kerala.....</b>	<b>169</b>
5.1 Developing Marketing Intelligent System for Health Tourism.....	169
5.1.1 Year of Starting Business .....	170
5.1.2 Area of Operation.....	171
5.2 Health Tourism Market Targeting.....	172
5.2.1 Providing of Health Tourism Products .....	172
5.2.2 Accessible Health Tourism Market .....	173
5.2.3 Concentrated Targeting.....	175
5.3 Health Tourism Market positioning.....	176
5.3.1 Change in Market Positioning Strategies .....	177
5.3.2 Health Tourists Visited in Kerala.....	178



5.4 Health Tourism Market Segmentation .....	179
5.4.1 Market Segmentation Process.....	179
5.4.2 Market Size.....	180
5.4.3 Market Growth Rate.....	181
5.4.4 Market Profitability.....	183
5.4.5 Industry Cost Structure .....	184
5.4.6 Distribution Channels.....	186
5.4.7 Resource Utilization.....	187
5.4.8 Segmentation and Targeting of New Customers .....	188
5.4.9 Market Segmentation and Competitive Advantages.....	189
5.4.10 Geographical Segmentation.....	191
5.4.11 Accessibility of Health Tourism Business Market .....	192
5.4.12 Business Caters for Groups with Similar Access Dimensions.....	193
5.5 Market Research for Health Tourism Products .....	194
5.5.1 Agency for Conducting Market Research for Health Tourism Products .....	194
5.5.2 Method of Conducting Marketing Research Products .....	195
5.5.3 Increase the Levels of Accessibility.....	196
5.5.4 Accessibility Standards for Health Tourism .....	197
5.5.5 Global Marketing Strategies.....	198
5.5.6 Revenue from Health Tourism Products.....	199
5.5.7 Payment and Value for Health Tourism Products .....	200
5.5.8 Retention of Same Health Tourism Product.....	201
5.5.9 Percentage of Revenue from Turnover .....	202
5.5.10 Cost Comparison .....	203
5.5.11 Rating of Restaurant and Other Food Beverage Establishments.....	204
5.5.12 Chi Square Test Analysis - Market Segmentation Facilitates Effective Resource Utilization in Health Tourism Marketing .....	206
5.5.13 Chi Square Test Analysis - Market Segmentation in Health Tourism Allows Effective Targeting of New Customers .....	206
5.5.14 Chi Square Test Analysis - Market Segmentation Facilitates Competitive Advantage in Existing Market.....	207
<b>Chapter 6 Developing Marketing Mix Strategies for Health Tourism Products in Kerala .....</b>	<b>208</b>
6.1 Health Tourism Products .....	208
6.1.1 Product Should Provide with Consistent Standard Quality.....	208
6.1.2 Ranking of Product Variables .....	210

6.2 Health tourism product's pricing .....	211
6.2.1 Price Fluctuation .....	212
6.2.2 Pricing policies .....	213
6.2.3 Flexible pricing policies.....	214
6.2.4 Recordkeeping will help to set a Price for Health Tourism Products .....	215
6.2.5 Competitors pricing policy .....	216
6.2.6 Pricing Policies Related to Nature of Product and Season .....	217
6.2.7 Basis for Pricing .....	218
6.2.8 Flexible Pricing Policy of Health Tourism Depends on Seasonal Demand.....	219
6.3 Health Tourism Product's Place .....	221
6.3.1 Customer Arrival Influence Health Tourism Providers Location .....	221
6.4 Promotional Activities for Health Tourism Products .....	222
6.4.1 Amount Spent for Promotion.....	222
6.4.2 Effectiveness of promotional activities .....	223
6.4.3 Role of Promotional Activates on Health Tourism Marketing .....	225
6.4.4 Essentials of Promotional Activities .....	226
6.4.5 Advertising Budget .....	227
6.4.6 Cost of Advertising Budget.....	228
6.4.7 Social Networks for Sales Promotion .....	229
6.4.8 Branding and Sales Promotion .....	230
6.4.9 Traditional Medias for Health Tourism Promotion .....	231
6.4.10 On Line Marketing .....	233
6.4.11 Types of on line Marketing Methods .....	234
6.4.12 Online marketing channels.....	235
6.4.13 Effectiveness of Promotional Measures.....	236
6.4.14 Communication Tools for Promoting Health Tourism .....	237
6.4.15 Types of promotional activities .....	239
6.4.16 Methods for Promotion Budget .....	240
6.4.17 Rating of Promotional Variables.....	241
6.4.18 Helpfulness from the Part of Government for Promoting Health Tourism .....	246
6.5 Physical Environment and its Role in Health Tourism.....	247
6.5.1 Providing false Information about Competitors in Health Tourism.....	247
6.5.2 Physical Evidence Affects the Customer's Satisfaction.....	248
6.5.3 Physical Evidence and Pricing .....	249

6.6 Health Tourism Product's Process .....	250
6.6.1 Online Booking Process for Health Tourism Products .....	250
6.6.2 Receiving of Price Quotations for Process .....	252
6.7 Health Tourism Product for People .....	253
6.7.1 People are Important Because, Providing a Service, Rather than Selling a Product.....	253
<b>Chapter 7 Analysis of Balancing of Demand Capacity and Service Quality of Health Tourism Products .....</b>	<b>255</b>
7.1 Demand for Health Tourism Product .....	255
7.1.1 Ranking of Health Tourism Products.....	255
7.1.2 Promotional Measures and Health Tourism Demand .....	256
7.1.3 Seasonal Demand .....	257
7.1.4 Age Group and Demand .....	258
7.1.5 Market Demand for Health Tourism Products .....	259
7.1.6 Demand in Last Time Period .....	260
7.1.7 Balancing of Demand and Supply.....	261
7.1.8 Demand and Capacity .....	262
7.1.9 Change in Demand .....	263
7.1.10 Reservation System for Demand .....	264
7.1.11 Marketing Mix and Demand .....	265
7.2 Capacity of Health Tourism Products.....	266
7.2.1 Occupied Time for Service .....	266
7.2.2 Complaint Handling for Service.....	267
7.2.3 Workers Motivation .....	268
7.2.4 Size of Service .....	269
7.2.5 Training and Monitoring .....	271
7.2.6 Staffing Costs .....	272
7.2.7 Recruitment .....	273
7.3 Service Quality .....	275
7.3.1 Quality Relationship Marketing .....	275
7.3.2 Customers Expectation and Perception of Quality .....	276
7.3.3 Customer Expectation and Management Perception on Service Quality .....	278
7.3.4 Gap between Actual and Expected Quality of Service Delivery .....	280
7.3.5 Service quality and Firm's External Communication .....	281
7.3.6 Service Quality and Brand Loyalty .....	282

7.3.7	<i>Improvement of Quality</i> .....	284
7.3.8	<i>Quality and Pricing</i> .....	285
7.4	<i>Hypothesis Testing one Sample t Tests</i> .....	286
7.5	<i>Bi-variate Correlation analysis of Demand Variables</i> .....	287
<b>Chapter 8</b>	<b><i>Analysing Customers Perception on Health Tourism Products</i></b> .....	<b>291</b>
8.1	<i>Demographic Variables of Customers</i> .....	291
8.1.1	<i>Occupation of the Health Tourism Users</i> .....	291
8.1.2	<i>Annual Income of the Health Tourism Users</i> .....	292
8.1.3	<i>Gender</i> .....	293
8.1.4	<i>Age Group</i> .....	294
8.2	<i>Customer Service and Support</i> .....	295
8.2.1	<i>Customer Service</i> .....	295
8.2.2	<i>Customer Support</i> .....	297
8.2.3	<i>'t' test between Customer Service and Customer Support</i> .....	298
8.3	<i>Customer's Perception towards Health Tourism Products</i> .....	298
8.3.1	<i>Satisfaction of Health Tourism Products</i> .....	298
8.3.2	<i>Satisfaction of Health Tourism Providers</i> .....	299
8.3.3	<i>'t' test between Satisfaction of Health Tourism Products and Satisfaction of Health Tourism Providers</i> .....	300
8.3.4	<i>Satisfaction of Cost and Benefits</i> .....	301
8.3.5	<i>Recommend Health Tourism Products to a Friend</i> .....	302
8.3.6	<i>Repeated Use of Health Tourism Product</i> .....	303
8.3.7	<i>Expectation of Customer Service</i> .....	304
8.3.8	<i>Customer Service of Health Tourism Provider</i> .....	305
8.3.9	<i>Criteria for Improving Marketing Process</i> .....	306
8.4	<i>Customers Perception towards Health Product</i> .....	307
8.4.1	<i>Thinking about Health Product</i> .....	307
8.4.2	<i>Helpfulness of Treatment</i> .....	308
8.4.3	<i>Friendliness of Services from Providers</i> .....	309
8.4.4	<i>Easy to get Information</i> .....	310
8.4.5	<i>Talent of Health Tourism Professional</i> .....	311
8.5	<i>Organisational Performances</i> .....	312
8.5.1	<i>Efficiency of the organisation</i> .....	312
8.5.2	<i>Consumption Process</i> .....	313
8.5.3	<i>Promotional Measures for Health Tourism Products</i> .....	314

8.5.4 Shift in Consumption.....	315
8.5.5 Period of Consumption .....	316
8.5.6 Understanding of Promotional Factors .....	317
8.5.7 Rating of Promotional Aspects .....	318
8.5.8 Affordable Pricing Policy.....	319
8.5.9 Satisfaction of Health Tourism Product.....	320
8.5.10 Behaviour of the Health Tourism Provider .....	321
8.6 Performances Evaluation .....	322
8.6.1 Team Sprit.....	322
8.6.2 Usage of Health Product .....	323
8.6.3 Price and quality of Health Product.....	324
8.6.4 Quality of Health Tourism Products .....	325
8.6.5 Branding of Health Tourism Product .....	326
8.7 Hypothesis testing - Correlation between Friendliness of Providers and Efficiency of the Organization.....	327
8.8 Hypothesis Testing- Correlation between Customer Support and Satisfaction of Health Tourism Products .....	328
8.9 The SERVQUAL analysis .....	329
8.9.1 Tangibility.....	330
8.9.2 Reliability.....	333
8.9.3 Responsiveness.....	336
8.9.4 Assurance .....	338
8.9.5 Empathy.....	341
8.9.6 Calculation of unweighted SERVQUAL score .....	344
8.9.7 Calculation of weighted SERVQUAL score .....	345
8.10 SWOT Analysis of Health Tourism industry in Kerala.....	346
<b>Chapter 9 Findings Recommendations and Conclusion .....</b>	<b>349</b>
9.1 Findings .....	349
9.2 Recommendations .....	362
9.3 Directions for Future Research .....	365
9.4 Conclusion.....	366
<b>Bibliography.....</b>	<b>367</b>
<b>Appendix -1 Interview Schedule for Health Tourism Providers.....</b>	<b>385</b>
<b>Appendix -2 Interview Schedule for Health Tourism Consumers.....</b>	<b>399</b>