

LIST OF TABLES

Table No.	Title	Page No.
1.1	Technology and Period wise Generations of Computer Development.	5
1.2	Year wise Conception of Computer Degrees with their Importance and Hardware Need.	27
1.3	Year wise Development of the Teaching of Computer Languages and Packages with their Operating Systems.	28
3.1	Type wise and Frequency wise Distribution of Different Types of Institutions Imparting Computer Education in Baroda District	84
3.2	Type wise and Frequency wise Distribution of Computer Education Institutions in Sample.	85
3.3	List of Research Tools Meant to Different Objectives	88
4.1	Frequency wise, Percentage wise and Year of Establishment Wise Distribution of Computer Education Institutions .	92
4.2	Frequency wise and Percentage wise Distribution of Different Types of Computer Education Institutions .	93
4.3	Category wise, Frequency wise and Percentage wise Distribution of Computer Education Institutions.	94
4.4	Frequency wise and Percentage wise Distribution of Different Types (Financial Affiliation) of Computer Education Institutions.	94
4.5	Details about Desk Top Publishing (DTP) Course Offered by Computer Education Institutions.	105
4.6	Details about Tally Course Offered by Computer Education Institutions.	107
4.7	Details about Visual Basic Course Offered by Computer Education Institutions.	109
4.8	Details about Basic / Office Automation Course Offered by Computer Education Institutions.	111
4.9	Details about BCA (Bachelor in Computer Application) Course Offered by Computer Education Institutions.	112
4.10	Details about MCA (Master in Computer Application) Course Offered by Computer Education Institutions.	114
4.11	Details about PGDCA (Post Graduate Diploma in Computer Application) Course Offered by Computer Education Institutions.	116
4.12	Details about Java Course Offered by Computer Education Institutions.	118

Table No.	Title	Page No.
4.13	Details About Oracle 9i Course Offered by Computer Education Institutions.	120
4.14	Details about C & C++ Course Offered by Computer Education Institutions.	122
4.15	Details about Autocad Course Offered by Computer Education Institutions.	124
4.16	Details about CIM (Certificate in Multimedia) Course Offered by Computer Education Institutions.	126
4.17	Details about "O" Level Course Offered by DOEACC Certified Computer Education Institutions.	127
4.18	Details about "A" Level Course Offered by DOEACC Certified Computer Education Institutions.	129
4.19	Details about "B" Level Course Offered by DOEACC Certified Computer Education Institutions.	130
4.20	Details About the Courses Offered by PC Point.	131
4.21	Details About the Courses Offered by Jetking.	133
4.22	Details About the Courses Offered by LCC, Sayajgunj.	135
4.23	Details About the Courses Offered by C-DAC.	137
4.24	Details About the Courses Offered by Image Institute of Digital Technology.	140
4.25	Details About the Courses Offered by Roshani Computer Classes.	142
4.26	Details About the Courses Offered by Karrox Technologies Ltd.	143
4.27	Details About the Courses Offered by Aptech Computer Education.	145
4.28	Details About the Courses Offered by Suntech.	147
4.29	Details About the Courses Offered by ITI.	149
4.30	Details About the Courses Offered by NIIT.	150
4.31	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Number of Computers.	151
4.32	Configuration wise, Frequency wise and Percentage wise Distribution of Computer in Computer Education Institutions.	152
4.33	Frequency wise and Percentage wise Distribution of Computers Used for Teaching and Non Teaching Purpose.	153
4.34	Frequency wise and Percentage wise Distribution of Printers in Computer Education Institutions.	153

Table No.	Title	Page No.
4.35	Frequency wise and Percentage wise Distribution of Different Type of Printers.	154
4.36	Frequency and Percentage wise Distribution of Printers Used for Teaching and Non-teaching Purpose.	155
4.37	Frequency and Percentage wise Distribution of Computer Education Institutions With and Without Internet Connection	155
4.38	Frequency wise and Percentage wise Distribution of Computer Education Institutions With and Without Scanner.	156
4.39	Frequency wise and Percentage wise Distribution of Computer Education Institutions With and Without Web Camera.	156
4.40	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Number of OHP.	156
4.41	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Number of LCD.	157
4.42	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Different Number of Theory Teaching Classrooms.	157
4.43	Frequency wise and Percentage wise Distribution of the Number of Theory Teaching Classrooms with Different Size.	158
4.44	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Respect to Area.	159
4.45	Frequency wise and Percentage wise Distribution of Computer Education Institution with and without Library Facility.	159
4.46	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Number of Books.	160
4.47	Frequency wise and Percentage wise Distribution of Computer Education Institution With Degree of Hardware Maintenance.	160
4.48	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Degree of Use of Hardware Facilities by the Students.	161
4.49	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Degree of Use of Hardware Facilities by the Teachers.	161
4.50	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Degree of Use of Stationary by the Students.	162

Table No.	Title	Page No.
4.51	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Degree of Use of Ribbin / Cartridge by the Students.	162
4.52	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Degree of Use of Floppy by Students.	162
4.53	Frequency wise and Percentage wise Distribution of Computer Education Institutions With degree of Use of CD's by the Students.	163
4.54	Frequency wise and Percentage wise Distribution of Computer Education Teachers With Different Salary Structure.	163
4.55	Frequency wise and Percentage wise Distribution of Computer Teachers With Their Basic Qualification.	164
4.56	Frequency wise and Percentage wise Distribution of Computer Teachers with Basic Qualification.	165
4.57	Frequency wise and Percentage Wise List of Number of Computer Teachers with Descriptive Qualification in Computer Field.	166
4.58	Frequency wise and Percentage wise Distribution of Computer Teachers with the Period of Experience.	167
4.59	Frequency wise and Percentage wise Distribution of Computer Education Teachers Teaching Different Number of Subjects.	168
4.60	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Use of Lesson Plan During Teaching.	168
4.61	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Use of Books by Teachers During Classroom Teaching.	169
4.62	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Purpose of Using Books During Classroom Teaching.	169
4.63	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Way of Introducing a Lesson.	170
4.64	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Reference to the Approaches Adopted by the Teachers During Classroom Teaching.	170
4.65	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Degree of Pupils' Participation During Classroom Teaching.	171

Table No.	Title	Page No.
4.66	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Type of Black Board in the Classroom.	171
4.67	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Frequency of Black Board Used During Teaching.	172
4.68	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Quality of Black Board Work During Teaching.	172
4.69	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Purpose of Using Blackboard.	173
4.70	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Use of Teaching Aids During Teaching.	173
4.71	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Use of Different Type of Teaching Aids.	174
4.72	Frequency wise and Percentage Wise Distribution of Computer Institutions with Reference to Teaching Skills Used.	174
4.73	Frequency wise, Percentage wise and Average wise Distribution of Different Level of Questions Asked by the Teachers in the Classroom During Teaching.	175
4.74	Frequency wise and Percentage wise Distribution of Frequency of Questions Asked by the Students During Classroom Teaching.	176
4.75	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Assignment Given by the Teacher.	177
4.76	Frequency wise and Percentage wise Distribution of the Computer Education Institutions With Reference to the Type of the Assignment Given.	177
4.77	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Quality of Supervision in the Class.	178
4.78	Frequency wise and Percentage wise Distribution of the Computer Education Institutions with Reference to the Quality of Classroom Management.	178
4.79	Frequency wise and Percentage Wise Distribution of Different Teaching Styles Used in Classroom by the Teachers.	179

Table No.	Title	Page No.
4.80	Frequency wise and Percentage wise Distribution of the Type and Number of Times Reinforcement Given in the Classroom.	179
4.81	Frequency wise and Percentage wise Distribution of Computer Education Institutions With and Without Review of the Lesson Done at the End of the Period.	180
4.82	Frequency wise and Percentage Wise Distribution of Methods of Teaching Adopted by the Teachers During Teaching.	180
4.83	Frequency wise and Percentage wise Distribution of Computer Education Institutions With Reference to Problems Related to Teachers.	181
4.84	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Problems Related to Students.	183
4.85	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Computer Laboratory.	185
4.86	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Computer Education Courses.	186
4.87	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Batch of Computer Education.	187
4.88	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Electricity.	188
4.89	Frequency and Percentage wise Distribution of Computer Education Institutions with Reference to Other Facilities	189
4.90	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Fees of the Courses.	190
4.91	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Any Body or Authority.	191
4.92	Frequency wise and Percentage wise Distribution of Computer Education Institutions with Reference to Competition.	191
4.93	Average Market Value Index wise and Frequency of Institution wise Distribution of Common Computer Education Courses.	192
4.94	Average Market Value Index wise Distribution of Individual Courses Offered in Different Institutions	193
4.95	Frequency wise and Percentage wise Distribution of Different Types of Computer Education institutions Along with their Year of Establishment.	196

Table No.	Title	Page No.
4.96	Frequency wise and Percentage wise Distribution of Computers in Different types of Computer Education institutions.	197
4.97	Frequency wise and Percentage wise Distribution of Printers in Different type of Computer Education institutions.	198
4.98	Distribution of Different Category of Institutions With Reference to Number of Theory Classrooms, Number of Computer Laboratory, Number of Books and Area of Institution.	199
4.99	Percentage wise Distribution of Different Category of Institutions With Reference to Library, Internet, OHP, Scanner, Web Camera and LCD Facility	200
4.100	Frequency wise and Percentage Wise Distribution of the Teachers in Different Category of Institutions in Terms of their Teachers' Qualification in Computer Fields.	202
4.101	Frequency wise and Percentage Wise Distribution of the Teachers in Different Category of Institutions in Terms of their Teachers' Experiences.	203
4.102	Frequency wise and Percentage Wise Distribution of the Teachers in Different Category of Institutions in Terms of Different Levels of Salary Paid to Computer Teachers	204