LIST OF TABLES AND FIGURES

List of Tables

List of Figures

APPENDICES

ABBREVIATIONS USED IN THE STUDY

ACER:	Australian Council for Educational Research
ANOVA:	Analysis of Variance
ASER:	Annual Status of Education Report
BBLS:	Brain Based Learning Strategy
B.Ed.:	Bachelor of Education
CAI:	Computer Assisted Instruction
CAIS Model:	Clarification-Assessment-Inferences-Strategies Model
CBSE:	Central Board of Secondary Education
CCE:	Continuous and Comprehensive Evaluation
CLS:	Circles of Learning Strategy
CoL Model:	Cooperative Learning Model
CT:	Critical Thinking
CTP:	Creative Teaching Programme
DIET:	District Institute for Education and Training
GSHSEB:	Gujarat Secondary and Higher Secondary Education Board
HOTS:	Higher Order Thinking Skills
I:	Irrational Numbers
ICSE:	Indian Certificate for Secondary Education
ICT:	Information and Communications Technology
II:	Intensity Index
IQ:	Intelligence Quotient
K-12:	Kindergarten to Class 12
LD:	Learning Disability
LTP:	Laboratory Teaching Programme
N:	Natural Numbers
NAEP:	National Assessment of Educational Progress
NCERT:	National Council of Educational Research and Training
NCF:	National Curriculum Framework
NCTM:	National Council of Teachers of Mathematics
NEP:	National Education Policy
PMT:	Prospective Mathematics Teacher
Q:	Rational Numbers
R:	Real Numbers

RBC Model:	Recognizing, Building, Constructing and Consolidation Model
R & D:	Research and Development
SD:	Standard Deviation
SLETV:	System of Linear Equations in Two Variables
TEI:	Technological Educational Institute
TESS-India:	Teacher Education through School-based Support in India
W:	Whole numbers
Z:	Integers