

## **TABLE OF CONTENTS**

CERTIFICATE OF DECLARATION .....	i
ACKNOWLEDGEMENT .....	ii
LIST OF TABLES .....	ix
LIST OF FIGURES AND GRAPHS .....	xi
ABBREVIATIONS .....	xiii
LIST OF PAPER PUBLICATION AND PRESENTATION .....	xiv
Papers Published .....	xiv
Papers Presented .....	xiv
ABSTRACT.....	xvi
CHAPTER I INTRODUCTION.....	1
1.1 Introduction.....	1
1.2 Teacher Education in India .....	3
1.2.1 Objectives of Teacher Education .....	3
1.2.2 Nature of Teacher Education: .....	4
1.2.3 Types of Teacher Training.....	5
1.2.4 Teacher Education in Post Independent India .....	6
1.3 Internship .....	14
1.3.1 School Internship .....	14
1.4 Reflection and Reflective Teaching .....	18
1.4.1 Characteristics of a Reflective Teacher .....	21
1.4.2 Teacher as Reflective Practitioner .....	22
1.5 Skills.....	24
1.6 Life Skills .....	24
1.6.1 The Ten Core Life Skills as laid down by WHO are:.....	25
1.6.2 Life-Skills are divided into Three Core groups namely: .....	26
1.6.3 Importance of Life Skills According to CBSE [33].....	27
1.7 Creative Thinking Skills.....	28
1.7.1 Steps of Creative Thinking .....	32

1.7.2 Techniques to Enhance Creative Thinking .....	33
1.8 Problem Solving Skills.....	36
1.8.1 Primary Steps in Problem Solving.....	39
1.8.2 Steps to Enhance Problem-Solving Skills.....	40
1.9 Decision Making Skills .....	42
1.9.1 Components of Decision -Making Skills that Helps Individuals to take Proper Decisions: .....	42
1.9.2 Steps in Decision Making .....	43
1.9.3 Barriers for effective Decision Making .....	45
1.9.4 Techniques to Improve Decision Making.....	46
1.10 Justification of study.....	48
1.11 Statement of Problem .....	49
1.12 Operational definitions .....	50
1.13 Objectives of the study .....	51
1.14 Research Questions.....	52
1.15 Hypotheses of the study.....	52
1.16 Delimitations of the study.....	52
CHAPTER II REVIEW OF RELATED LITERATURE .....	53
2.1 Survey of Literature Related to Skills (Creative Thinking, Problem -Solving and Decision Making).....	56
2.1.1 Studies conducted in India .....	56
2.1.2 Studies conducted in Abroad .....	60
2.2 Survey of Literature Related to Reflective Teaching Practices .....	68
2.2.1 Studies conducted in India .....	68
2.2.2 Studies conducted in Abroad .....	70
2.3 Review Summary of Researches on Skills (Life Skills, Creative Thinking, Problem Solving and Decision-Making Skills) .....	77
2.4 Review Summary of Researches on Reflective Teaching Practices.....	84

CHAPTER III METHODOLOGY .....	92
3.1 Method of Research .....	93
3.2 Population, Sample and Sampling .....	94
3.3 Tools Used for Data Collection .....	94
3.3.1 Self-Developed Questionnaire for Reflective Teaching Practice .....	95
3.3.2 Self-Developed Questionnaire for Creative Thinking, Problem-Solving and Decision-Making Skills .....	97
3.4 Procedure for Data Collection .....	99
3.5 Statistical Techniques Used .....	99
3.5.1 Mean .....	99
3.5.2 Standard Deviation.....	99
3.5.3 Percentage .....	99
3.5.4 Co efficient of Correlation .....	99
3.5.5 Multivariate Multiple Regression Technique. ....	100
3.6 Analysis of Data.....	100
3.7 Ethical Considerations .....	100
CHAPTER IV RESULTS AND DISCUSSIONS .....	102
4.1 Results pertaining to Reflective Teaching Practices used by prospective teachers in School Internship program. ....	102
4.2 Descriptive Analysis & Correlation Analysis.....	109
4.2.1 Results Pertaining Descriptive Analysis of Reflective Teaching Practices .....	109
4.2.2 Results Pertaining Descriptive Analysis of Creative Thinking Skills .	110
4.2.3 Results Pertaining Descriptive Analysis of Problem-Solving Skills ...	111
4.2.4 Results Pertaining Descriptive Analysis of Decision-Making Skills ..	112
4.2.5 Results Pertaining to Relationship between Creative Thinking Skills and Reflective Teaching Practices .....	113

4.2.6 Results Pertaining to Relationship between Reflective Teaching Practices and Problem-Solving Skills.....	115
4.2.7 Results Pertaining to Relationship between Reflective Teaching Practices and Decision -Making Skills. ....	117
4.3 Multivariate Multiple Regression Analysis .....	120
4.3.1 Assumption Check of Regression Analysis According to Gujarati et al. (2012), regression equation should satisfy following assumptions: .....	122
4.3.2 Regression Model .....	126
CHAPTER-V CONCLUSION AND FUTURE SCOPE OF WORK .....	127
5.1 Findings and Conclusion.....	128
5.1.1 Types and Frequency of Reflective Teaching Practices Used by Teacher Trainees in School Internship Program.....	129
5.1.2 Relationship of Creative Thinking, Problem Solving and Decision-Makings Skills with Reflective Teaching Practices of Teacher Trainees in school internship program. ....	130
5.1.3 Multiple Regression Analysis .....	131
5.2 Future Scope of Work.....	132
5.3 Recommendations.....	133
SUMMARY .....	135
Justification of study .....	137
Statement of the Problem.....	139
Operational Definitions of Key Terms .....	139
Objectives of study .....	140
Research Questions .....	141
Hypotheses .....	141
Phases of Study .....	142
Methodology .....	142
Tools used for the Study .....	143
• Self – Developed Questionnaire for Reflective Teaching Practice.....	143

• Self-Developed Questionnaire for Creative Thinking, Problem-Solving and Decision-Making Skills .....	145
Statistical Techniques Used .....	146
Delimitations of Study .....	147
Analysis of Data.....	147
Main Findings .....	147
Types and Frequency of Reflective Teaching Practices used by teacher Trainees in school internship program. ....	147
Multiple Regression Analysis .....	149
Future Scope of Work.....	150
Recommendations.....	151
REFERENCES .....	153
APPENDIX I – DATA COLLECTION CERTIFICATES .....	164
APPENDIX II – TOOLS USED FOR DATA COLLECTION.....	171
APPENDIX III – TOOLS USED FOR DATA COLLECTION .....	175
APPENDIX IV - PAPER PUBLISHED.....	178
APPENDIX V – PAPER PRESENTATIONS CERTIFICATES.....	195
BIOGRAPHY OF CANDIDATE.....	200
ABOUT THE SUPERVISOR .....	202
ABOUT THE CO-SUPERVISOR.....	203
PLAGIARISM REPORT.....	204
PLAGIARISM CERTIFICATE.....	205