## **Table of Contents**

Cert	Certificate		
Acknowledgements			
Abstract			
List of Tables List of Figures			
			List
Cha	pter 1 - Introduction	1	
1.1	Technology Interventions in Human Life	4	
1.2	Technology and the National Education Policy	5	
1.3	Technology and the Academic Stakeholders	8	
1.4	Technology Integration in Indian Higher Education	10	
1.5	Traditional Media, New Media, and the Educational Technology	12	
1.6	Internet Based Platforms in the Teaching-Learning Process	15	
1.7	Objectives of the Study	18	
1.8	Significance of the Study	18	
1.9	Summary	19	
1.1	Structure of the Thesis		
Cha	22		
2.1	Internet Based Platforms in Higher Education	23	
2.2	Communication Skills Enhancement with Technology Intervention	25	
2.3	Technology Acceptance: The Process	31	
2.4	Evolution of Technology Acceptance Theories	34	
	2.4.1 Theory of Reasoned Action	34	
	2.4.2 Theory of Planned Behavior	35	
	2.4.3 Decomposed Theory of Planned Behavior	37	
	2.4.4 Diffusion of Innovations Theory	39	
	2.4.5 Technology Acceptance Model	40	

	2.4.6	Unified Theory of Acceptance and Use of Technology	47		
2.5	Resear	rch Gap	52		
Chapter 3 - Research Methodology					
3.1	Resear	rch Design and Sampling Method	53		
3.2	Characteristics of the Sample				
3.3	Design of the Survey Questionnaire and the Pilot Study				
3.4	Operationalization of Constructs				
3.5	Reliability and Validity of the Tool				
3.6	Data Collection				
3.7	Data C	Compilation and Statistical Techniques used for Analysis	58		
Chapter 4 - Results and Analysis					
4.1	IBP Users of Public Universities				
	4.1.1	Preliminary Analysis and Descriptive Statistics	60		
	4.1.2	Demographic Characteristics of the Sample	65		
	4.1.3	Correlation between the Dependent and Independent Variables	69		
	4.1.4	Results of Standard Multiple Regression	71		
	4.1.5	Results of Independent-Samples t-test	76		
4.2	IBP Users of Private Universities				
	4.2.1	Preliminary Analysis and Descriptive statistics	81		
	4.2.2	Demographic Characteristics of the Sample	84		
	4.2.3	Correlation between the Dependent and Independent Variables	88		
	4.2.4	Results of Standard Multiple Regression	89		
	4.2.5	Results of Independent-samples t-test	92		
4.3	Discussion of the Results		95		
4.4	Objective Wise analysis				
4.5	Qualitative Data Analysis				
	4.5.1	Theme I: "Teachers' Perceptions towards IBPs: Benefits"	106		
	4.5.2	Theme II: "Teachers' Perceptions towards IBPs: Drawbacks"	108		

	4.5.3	Theme III: "Challenges in Using IBPs"	110	
	4.5.4	Theme IV: "Perceived Solutions for Technology Intervention Challenges"	111	
	4.5.5	Theme V: "Teachers' influence on IBP Technology Acceptance"	113	
Chapter 5 – Conclusion				
5.1	Limit	ations of the Study	121	
5.2	Futur	e Scope for further Research	122	
References			123	
Appendix 1				
Appendix 2				
Appendix 3				
Appendix 4			156	
List of Conference Proceedings and Book Chapters				
List	List of Journal Publications			
Brief	Brief Biography of the candidate			
Brief	Brief Biography of the Supervisor			