



CSB 15-74

TABLE OF CONTENTS

Chapter 1: Introduction and overview	1-2
1.1 Introduction	
1.2 Motivation for work	
1.3 Project Profile	
Chapter 2: Initial System Study	2-6
2.1 General Idea	
2.2 Parameters to determine stress syllables	
2.3 Approach to our work	5-6
2.3.1 Labelling of stress syllables	
2.3.2 Stress syllables determination	
Chapter 3: Requirement and feasibility analysis	6-7
3.1 Introduction	
3.2 System requirements	
3.2.1 ABOUT PRAAT	
3.2.2 Tools requirements	
3.2.2.1 Software requirements	
3.2.2.2 Hardware requirements	
3.3 Feasibility Analysis	7
3.3.1 Technical Feasibility	
3.3.2 Economically Feasibility	
3.3.3 Behavioral feasibility	

Chapter 4: System analysis	8
4.1 Steps involved in prosody analysis	
4.1.1 Task 1	
4.1.2 Task 2	
4.1.3. Task 3	
Chapter 5: Implementation details	8-40
5.1 About the parameters	8-9
5.2 Assamese language Emotional Data Base	9
5.3 Analysis of duration, pitch associated with different Syllables	
5.4 contour diagram analysis depicting comparison of Difference in pitch, duration and intensity	
5.5 Praat script	40
5.6 Analysis and evaluation of result	40
Chapter 6: Conclusion and future scope	41
Appendix	
References	