## CONTENTS

Chapter 1:	Introduction Page	No.
•	1.1 Project Profile	2
	1.2 Objective	2
<b>.</b>	1.3 Approaches	2 3 5 5
	1.4 Applications	5
	1.5 Literature survey of G2P	5
Chapter 2:	Definitions	
	2.1 Grapheme	6
	2.2 Phoneme	6
	2.3 Oral and Nasal Vowels	6
	2.4 Ligature vowel	6
	2.5 Nasal Ligature	6
	2.6 Consonants	7
	2.7 ESNOLA	7
	2.8 Hex code	7
	2.9 Unicode	8
	2.10 Grapheme to phoneme	8
Chapter 3:	Descriptions	
	3.1 About Bangla TTS	9
	3.2 Origin of Bangla	9
	3.3 Grapheme to phoneme rules based conversion	9
	3.4 Parts of speech information based rules	9
	3.5 Contextual information based rules	10
	3.6 General Block Diagram of G2P module	10
Chapter 4:	G2P Conversion Rules and Examples	
	4.1 Definition of Rules	11
	4.2 Examples	
Chapter 5:	Discussion & Results	
	5.1 Interpretation of the result	18
Chanton (	Canalusian & Futura Saana	
Chapter 6:	Conclusion & Future Scope 6.1 Conclusion	30
		30
	6.2 Future Scope	30
Chapter 7:	Program Code	31
References		33
Annexure – A (List of Tables)		35
Annexure – B (list of Figures)		35
Annexure – C (Bangla Unicode Chart)		36
Annexure –D (Bangla Grapheme, phoneme chart)		37