LIST OF TABLES

Table 2.1  Classification of voice disguise by Rodman (1998) 35
Table 2.2  Table of non electronic-deliberate voice disguise (Rodman:1998) 36
Table 2.3  Frequent types of disguise in forensic speech analysis (Künzel: 2000) 37
Table 2.4  Classification of voice disguise by Perrot, Aversano, & Chollet (2007) 38
Table 2.5  Classification of voice disguise (non-electronic) by Perrot, Aversano, & Chollet (2007) 39
Table 3.1  Target sounds of ENGLISH in word medial position for Testing 57
Table 3.2  Target sounds of HINDI in word medial position for Testing 58
Table 3.3  Target sounds of ODIA in word medial position for Testing 59
Table 4.1  Measures of F0 values of Speaker no. 1 across three modes of speech and three target languages 68
Table 4.2  The most and least deviant across three target languages - Speaker no. 1 69
Table 4.3  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no - 1 71
Table 4.4  Measures of F0 values of Speaker no.2 across three modes of speech and three target languages 72
Table 4.5  The most and least deviant across three target languages Speaker no. 2 73
Table 4.6  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 2 75
Table 4.7  Measures of F0 values of Speaker no. 3 across three modes of speech and three target languages 76
Table 4.8  The most and least deviant across three target languages – Speaker no. 3 77
Table 4.9  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 3 80
Table 4.10  Measures of F0 values of Speaker no. 4 across three modes of speech and three target languages 80

Table 4.11  The most and least deviant across three target languages - Speaker no. 4 81

Table 4.12  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 4 84

Table 4.13  Measures of F0 values of Speaker no. 5 across three modes of speech and three target languages 84

Table 4.14  The most and least deviant across three target languages – Speaker no.5 85

Table 4.15  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 5 88

Table 4.16  Measures of F0 values of Speaker no. 6 across three modes of speech and three target three languages 88

Table 4.17  The most and least deviant across three target languages – Speaker no.6 89

Table 4.18  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 6 91

Table 4.19  Measures of F0 values of Speaker no. 7 across three modes of speech and three target languages 92

Table 4.20  The most and least deviant across three target languages - Speaker no7 93

Table 4.21  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 7 95

Table 4.22  Measures of F0 values of Speaker no. 8 across three modes of speech and three target languages 96

Table 4.23  The most and least deviant across three target languages - Speaker no. 8 97

Table 4.24  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of Speaker no 8 99

Table 4.25  Measures of F0 values of Speaker no. 9 across three modes of speech and three target languages 100
Table 4.26  The most and least deviant across three target languages –
Speaker no. 9

Table 4.27  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of
Speaker no 9

Table 4.28  Measures of F0 values of Speaker no. 10 across three modes of
speech and three target languages

Table 4.29  The most and least deviant across three target languages –
Speaker no. 10

Table 4.30  Number of deviations (HP &FD combined) in F1, F2, F3, & F4 of
Speaker no 10