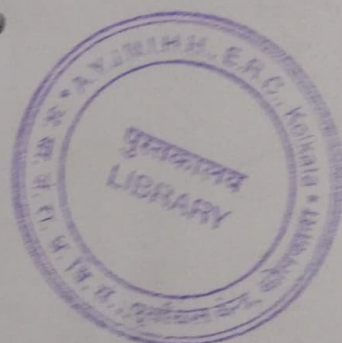


**DEVELOPMENT AND STANDARDIZATION OF WORD IN
NOISE TEST IN BENGALI**

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REGISTRATION NO: 2587 OF 2008-2009



**A DISSERTATION SUBMITTED TO THE WEST
BENGAL UNIVERSITY OF HEALTH SCIENCES, KOLKATA, IN PART
FULFILMENT FOR THE DEGREE OF MASTER OF AUDIOLOGY AND SPEECH
LANGUAGE PATHOLOGY, IN THE YEAR 2013-2014**

**ALI YAVAR JUNG NATIONAL INSTITUTE FOR THE HEARING HANDICAPPED,
EASTERN REGIONAL CENTRE, KOLKATA- 700090**

APPENDIX - I

Frequency of occurrence of the phonemes of Bengali in Bengali Language by Mallik et al,
(1998)

Serial no.	Phonemes	Number of occurrences
1	/o/	9.97%
2	/a/	9.86%
3	/e/	9.28%
4	/ɾ/	8.24%
5	/i/	7.20%
6	/n/	5.63%
7	/ɔ/	4.99%
8	/k/	4.74%
9	/t̪/	4.22%
10	/s/	3.84%
11	/b/	3.41%
12	/l/	3.77%
13	/p/	2.41%
14	/u/	2.38%
15	/m/	2.38%
16	/d̪/	2.37%
17	/dʒ/	2.01%
18	/t/	1.32%
19	/g/	1.27%
20	/h/	1.24%
21	/tʃ ^h /	1.12%

22	/k ^h /	1.04%
23	/tʃ/	0.92%
24	/æ/	0.88%
25	/ʃ/	0.80%
26	/k ^h /	0.76%
27	/d ^h /	0.67%
28	/b ^h /	0.67%
29	/ŋ/	0.63%
30	/ɾ/	0.48%
31	/p ^h /	0.29%
32	/t ^h /	0.25%
33	/d/	0.24%
34	/g ^h /	0.18%
35	/dʒ ^h /	0.07%
36	/d ^h /	0.02%

APPENDIX- II

Bengali Monosyllabic Wordlist 1 and Wordlist 2 (with IPA) in alphabetical order

Sr. No.	Bengali Words (List- 1)	IPA
1	কান	kan
2	ঘুম	g ^h um
3	চুল	tʃul
4	চার	tʃar
5	ছাড়	tʃ ^h at
6	ছাদ	tʃ ^h ad
7	জীব	dʒib
8	জোর	dʒor
9	ঝড়	dʒ ^h ɔr
10	ঠিক	t ^h ik
11	ডিম	dim
12	তিন	tin
13	ধান	d ^h an
14	ফল	p ^h ɔl
15	বাঁশ	bāʃ
16	ভূত	b ^h ut
17	রঙ	rɔŋ
18	রথ	rɔt ^h
19	রস	rɔs
20	শেষ	ʃeʃ
21	শোন	ʃon
22	সুখ	ʃuk ^h
23	হাত	hat
24	হাল	hal
25	কাঁচ	kātʃ

Sr. No.	Bengali Words (List- 2)	IPA
1	খুব	k ^h ub
2	গান	gan
3	ঘাট	g ^h at
4	চোর	tʃor
5	ছাপ	tʃ ^h ap
6	জল	dʒol
7	জেল	dʒel
8	ঠোঁট	t ^h õt
9	তাস	tas
10	তোর	tor
11	দূর	dur
12	নাক	nak
13	নিন	nin
14	পথ	põ ^h
15	ফুল	p ^h ul
16	ফের	p ^h er
17	বিষ	biʃ
18	বীর	bir
19	ভুল	b ^h ul
20	ভিড়	b ^h iɽ
21	মন	mon
22	রাত	raʈ
23	শাক	ʃak
24	শীত	ʃiʈ
25	সাত	ʃaʈ