

Title: INTRODUCING THE BADUGU SCRIPT

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Status: Individual Contribution

Action: For consideration by WG2 and UTC

Date: 2022-07-12

1. Introduction

The purpose of the documents is to bring the attention of the Unicode Technical Committee (UTC) the Badugu[^] ஸயிஹி script. This script is used for writing Badaga/Badugu language [Tamil: படுகு, Badugu: ஸயிஹி] (ISO 639-3 bfg), is a Southern Dravidian language (Tamil-Kannada branch) spoken by approximately 134,000 (Ethnologue) in the Nilgiri hills of Tamil Nadu (India). The script was designed by Yogesh Raj (யோஷ் ராஜ்) of Kodosole village, in the 1967-68. It gets official recognition from *Baduga Mahajana Sangha*, umbrella organization of Badagas. Another script was developed by Anandhan Raj[^] in 2009, which is not accepted by the organizations. First, class-I textbook ஸயிஹி லுஹு *Badugu Barego* was published by *Badaga Language Promotion Group* 2012. Now, 4th edition ஸயிஹி லுஹு பஹி *Badugu Pāṭa Bokku* is running.

The Badugu script is an abugida based written from left-to-right. A repertoire of at least 63 characters is required to encode the script. There are 11 vowels, 27 consonants, 15 signs and 10 digits. Consonants possess an inherent vowel.

Research on the script is ongoing. This document provides a preliminary list of characters and a specimen. An allocation for the script should be made in the roadmap to the Supplementary Multilingual Plane. The code chart, name list, and all information presented here are subject to change. Additional information will be provided as it is obtained.

All specimens of Badugu script were provided by Yogesh Raj, script inventor.

2. Character Repertoire and Properties

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xxx00;BADUGU LETTER A;Lo;0;L;;;;;N;;;;;
xxx01;BADUGU LETTER AA;Lo;0;L;;;;;N;;;;;
xxx02;BADUGU LETTER I;Lo;0;L;;;;;N;;;;;
xxx03;BADUGU LETTER II;Lo;0;L;;;;;N;;;;;
xxx04;BADUGU LETTER U;Lo;0;L;;;;;N;;;;;
xxx05;BADUGU LETTER UU;Lo;0;L;;;;;N;;;;;
xxx06;BADUGU LETTER E;Lo;0;L;;;;;N;;;;;
xxx07;BADUGU LETTER EE;Lo;0;L;;;;;N;;;;;
xxx08;BADUGU LETTER AI;Lo;0;L;;;;;N;;;;;
xxx09;BADUGU LETTER O;Lo;0;L;;;;;N;;;;;
xxx0A;BADUGU LETTER OO;Lo;0;L;;;;;N;;;;;
xxx0B;BADUGU LETTER AU;Lo;0;L;;;;;N;;;;;
xxx0C;BADUGU LETTER KA;Lo;0;L;;;;;N;;;;;
xxx0D;BADUGU LETTER GA;Lo;0;L;;;;;N;;;;;
xxx0E;BADUGU LETTER QWA;Lo;0;L;;;;;N;;;;;
xxx0F;BADUGU LETTER GWA;Lo;0;L;;;;;N;;;;;
xxx10;BADUGU LETTER NGA;Lo;0;L;;;;;N;;;;;
xxx11;BADUGU LETTER CA;Lo;0;L;;;;;N;;;;;
xxx12;BADUGU LETTER JA;Lo;0;L;;;;;N;;;;;
xxx13;BADUGU LETTER NYA;Lo;0;L;;;;;N;;;;;
xxx14;BADUGU LETTER TTA;Lo;0;L;;;;;N;;;;;
xxx15;BADUGU LETTER DDA;Lo;0;L;;;;;N;;;;;
xxx16;BADUGU LETTER NNA;Lo;0;L;;;;;N;;;;;
xxx17;BADUGU LETTER TA;Lo;0;L;;;;;N;;;;;

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xxx18;BADUGU LETTER DA;Lo;0;L;;;;;N;;;;;
xxx19;BADUGU LETTER NA;Lo;0;L;;;;;N;;;;;
xxx1A;BADUGU LETTER PA;Lo;0;L;;;;;N;;;;;
xxx1B;BADUGU LETTER BA;Lo;0;L;;;;;N;;;;;
xxx1C;BADUGU LETTER MA;Lo;0;L;;;;;N;;;;;
xxx1D;BADUGU LETTER YA;Lo;0;L;;;;;N;;;;;
xxx1E;BADUGU LETTER RA;Lo;0;L;;;;;N;;;;;
xxx1F;BADUGU LETTER LA;Lo;0;L;;;;;N;;;;;
xxx20;BADUGU LETTER VA;Lo;0;L;;;;;N;;;;;
xxx21;BADUGU LETTER LLLA;Lo;0;L;;;;;N;;;;;
xxx22;BADUGU LETTER LLA;Lo;0;L;;;;;N;;;;;
xxx23;BADUGU LETTER FA;Lo;0;L;;;;;N;;;;;
xxx24;BADUGU LETTER SA;Lo;0;L;;;;;N;;;;;
xxx25;BADUGU LETTER SHA;Lo;0;L;;;;;N;;;;;
xxx26;BADUGU LETTER HA;Lo;0;L;;;;;N;;;;;
xxx27;BADUGU VOWEL SIGN AA;Mc;0;NSM;;;;;N;;;;;
xxx28;BADUGU VOWEL SIGN I;Mn;0;NSM;;;;;N;;;;;
xxx29;BADUGU VOWEL SIGN II;Mc;0;NSM;;;;;N;;;;;
xxx2A;BADUGU VOWEL SIGN U;Mc;0;NSM;;;;;N;;;;;
xxx2B;BADUGU VOWEL SIGN UU;Mc;0;NSM;;;;;N;;;;;
xxx2C;BADUGU VOWEL SIGN E;Mn;0;NSM;;;;;N;;;;;
xxx2D;BADUGU VOWEL SIGN EE;Mn;0;NSM;;;;;N;;;;;
xxx2E;BADUGU VOWEL SIGN AI;Mn;0;NSM;;;;;N;;;;;
xxx2F;BADUGU VOWEL SIGN O;Mn;0;NSM;;;;;N;;;;;
xxx30;BADUGU VOWEL SIGN OO;Mn;0;NSM;;;;;N;;;;;
xxx31;BADUGU VOWEL SIGN AU;Mc;0;NSM;;;;;N;;;;;
xxx32;BADUGU SIGN ANUSVARA;Mn;0;L;;;;;N;;;;;
xxx33;BADUGU SIGN VIRAMA;Mn;0;L;;;;;N;;;;;
xxx34;BADUGU CONSONANT SIGN MEDIAL RA;Mc;0;L;;;;;N;;;;;
xxx35;BADUGU SIGN DOT ABOVE;Mn;0;L;;;;;N;;;;;
xxx40;BADUGU DIGIT ZERO;Nd;0;L;;0;0;0;N;;;;;
xxx41;BADUGU DIGIT ONE;Nd;0;L;;1;1;1;N;;;;;
xxx42;BADUGU DIGIT TWO;Nd;0;L;;2;2;2;N;;;;;
xxx43;BADUGU DIGIT THREE;Nd;0;L;;3;3;3;N;;;;;
xxx44;BADUGU DIGIT FOUR;Nd;0;L;;4;4;4;N;;;;;
xxx45;BADUGU DIGIT FIVE;Nd;0;L;;5;5;5;N;;;;;
xxx46;BADUGU DIGIT SIX;Nd;0;L;;6;6;6;N;;;;;
xxx47;BADUGU DIGIT SEVEN;Nd;0;L;;7;7;7;N;;;;;
xxx48;BADUGU DIGIT EIGHT;Nd;0;L;;8;8;8;N;;;;;
xxx49;BADUGU DIGIT NINE;Nd;0;L;;9;9;9;N;;;;;

	xxx0	xxx1	xxx2	xxx3	xxx4
0	ᱵ xxx00	ᱮ xxx10	ᱠ xxx20	ᱦ xxx30	ᱯ xxx40
1	ᱶ xxx01	ᱞ xxx11	ᱡ xxx21	ᱫ xxx31	ᱴ xxx41
2	ᱷ xxx02	ᱟ xxx12	ᱢ xxx22	ᱬ xxx32	ᱵ xxx42
3	ᱸ xxx03	ᱠ xxx13	ᱣ xxx23	ᱭ xxx33	ᱶ xxx43
4	ᱹ xxx04	ᱡ xxx14	ᱤ xxx24	ᱮ xxx34	ᱴ xxx44
5	ᱺ xxx05	ᱢ xxx15	ᱥ xxx25	ᱯ xxx35	ᱵ xxx46
6	ᱻ xxx06	ᱣ xxx16	ᱦ xxx26		ᱴ xxx46
7	ᱼ xxx07	ᱤ xxx17	ᱮ xxx27		ᱵ xxx47
8	ᱽ xxx08	ᱦ xxx18	ᱯ xxx28		ᱶ xxx48
9	᱾ xxx09	ᱧ xxx19	ᱰ xxx29		ᱷ xxx49
A	᱿ xxx0A	ᱨ xxx1A	ᱱ xxx2A		
B	ᱺ xxx0B	ᱩ xxx1B	ᱲ xxx2B		
C	ᱻ xxx0C	ᱪ xxx1C	ᱳ xxx2C		
D	ᱼ xxx0D	ᱫ xxx1D	ᱴ xxx2D		
E	ᱽ xxx0E	ᱬ xxx1E	ᱵ xxx2E		
F	᱾ xxx0F	ᱭ xxx1F	ᱶ xxx2F		

Independent Vowel

xxx00	ᱠ	BADUGU LETTER A
xxx01	ᱡ	BADUGU LETTER AA
xxx02	ᱢ	BADUGU LETTER I
xxx03	ᱣ	BADUGU LETTER II
xxx04	ᱤ	BADUGU LETTER U
xxx05	ᱥ	BADUGU LETTER UU
xxx06	ᱦ	BADUGU LETTER E
xxx07	ᱧ	BADUGU LETTER EE
xxx08	ᱨ	BADUGU LETTER AI
xxx09	ᱩ	BADUGU LETTER O
xxx0A	ᱪ	BADUGU LETTER OO
xxx0B	ᱫ	BADUGU LETTER AU

Consonants

xxx0C	ᱬ	BADUGU LETTER KA
xxx0D	ᱭ	BADUGU LETTER GA
xxx0E	ᱮ	BADUGU LETTER QWA
xxx0F	ᱯ	BADUGU LETTER GWA
xxx10	ᱰ	BADUGU LETTER NGA
xxx11	ᱱ	BADUGU LETTER CA
xxx12	ᱲ	BADUGU LETTER JA
xxx13	ᱳ	BADUGU LETTER NYA
xxx14	ᱴ	BADUGU LETTER TTA
xxx15	ᱵ	BADUGU LETTER DDA
xxx16	ᱶ	BADUGU LETTER NNA
xxx17	ᱷ	BADUGU LETTER TA
xxx18	ᱸ	BADUGU LETTER DA
xxx19	ᱹ	BADUGU LETTER NA
xxx1A	ᱺ	BADUGU LETTER PA
xxx1B	ᱻ	BADUGU LETTER BA
xxx1C	ᱼ	BADUGU LETTER MA
xxx1D	ᱽ	BADUGU LETTER YA
xxx1E	᱾	BADUGU LETTER RA
xxx1F	᱿	BADUGU LETTER LA
xxx20	ᱠ	BADUGU LETTER VA
xxx21	ᱡ	BADUGU LETTER LLLA
xxx22	ᱢ	BADUGU LETTER LLA
xxx23	ᱣ	BADUGU LETTER FA
xxx24	ᱤ	BADUGU LETTER SA
xxx25	ᱥ	BADUGU LETTER SHA
xxx26	ᱦ	BADUGU LETTER HA

Vowel Signs

xxx27	ᱠᱟ	BADUGU VOWEL SIGN AA
xxx28	ᱡᱟ	BADUGU VOWEL SIGN I
xxx29	ᱢᱟ	BADUGU VOWEL SIGN II
xxx2A	ᱣᱟ	BADUGU VOWEL SIGN U
xxx2B	ᱤᱟ	BADUGU VOWEL SIGN UU

xxx2C	ᱥᱟ	BADUGU VOWEL SIGN E
xxx2D	ᱦᱟ	BADUGU VOWEL SIGN EE
xxx2E	ᱧᱟ	BADUGU VOWEL SIGN AI
xxx2F	ᱨᱟ	BADUGU VOWEL SIGN O
xxx30	ᱩᱟ	BADUGU VOWEL SIGN OO
xxx31	ᱪᱟ	BADUGU VOWEL SIGN AU

Various signs

xxx32	ᱠᱟᱨ	BADUGU SIGN ANUSVARA
xxx33	ᱠᱟᱨ	BADUGU SIGN VIRAMA

Medials

xxx34	ᱠᱟᱨ	BADUGU CONSONANT SIGN MEDIAL RA
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Various signs

xxx35	ᱠᱟᱨ	BADUGU SIGN DOT ABOVE
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Digits

xxx40	ᱠ	BADUGU DIGIT ZERO
xxx41	ᱡ	BADUGU DIGIT ONE
xxx42	ᱢ	BADUGU DIGIT TWO
xxx43	ᱣ	BADUGU DIGIT THREE
xxx44	ᱤ	BADUGU DIGIT FOUR
xxx45	ᱥ	BADUGU DIGIT FIVE
xxx46	ᱦ	BADUGU DIGIT SIX
xxx47	ᱧ	BADUGU DIGIT SEVEN
xxx48	ᱨ	BADUGU DIGIT EIGHT
xxx49	ᱩ	BADUGU DIGIT NINE

ಲಬಡು ದಣ್ಣು (Learn Badugu) - 9 (2)

Dear friends, the answers for the last week's questions:

ಆಡು, ಠಿಡು, ಆಡು,
 (Amma) (अमम) (Om) (ओम) (Ama) (अम)

ಉಬ, ಉಡ, ಉಠುಠು.
 (Usha, उष) (Uma, उम) (ಹೆಠಿಹೆ, Hethihē, ಹಣ್ಣತ್ತೆ)

(Edhē Baregō) ಸುಖ ಸುಖ :

ಆ ಆ ಉ ಉ ಏ ಏ
 (ā, ಅ, ಆ) (aa, ಆ, ಅ) (ī, ಐ) (ī, ಐ) (ū, ಉ) (ū, ಉ, ಊ)

ಸ ಸಿ ನ ನು ನು ನು
 (ē, ಉ) (ae, ಉ, ಏ) (ē, ಉ) (ō, ಓ) (ō, ಆ, ಓ) (ō, ಆ, ಓ)

PLEASE SAVE ALL LESSONS IN A SEPARATE BADUGU FILE

ಸುಖ ದಣ್ಣು (Osī maaththugō) (Some words):

ಋಠುಠಿಡು, ಋಠು, ಋಠು, ಋಠು,
 (Harī Om, ಹರಿಠು) (Harī, ಹರಿ) (Harī, ಹರಿ) (Hārī, ಹರಿ)

ಋಠು, ಋಠು, ಋಠು, ಋಠು.
 (Hāla, ಹಲಾ) (Hālu, ಹಲು) (Hōla, ಹೊಲಾ) (Hara, ಹರಾ)

Please SAVE, WRITE, READ and Practice.
ಲಬಡು ಲಬಡು, Long Live BADUGU.

Fig 1: Initial texts of Yogesh Raj P-1.

ನಲಗದ ದಮುಡುಗು (Learn Badugu) - ೨ (4)

Please recall the previously posted Edhenēthru Baregō :

ದ ಧಾ ಡ ಧಾ ಡ ಣ್ ಣ್ ಡಿ
(Ka,ka) (kha,kha) (Ga,ga) (Gha,gha) (Na,ṇa) (ṇa,ṇa) (Ja,ḷa) (ḷa,ḷa)
See the previous post for correct pronunciations and Utharippuga.

ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು
(Aji, ಅಜಿ) (Ahi, ಅಹಿ) (Aji, ಅಜಿ) (Ahi, ಅಹಿ)

ಬ ಬ ಬ ಬ ಬ ಬ ಬ
(Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba)

ಬ ಬ ಬ ಬ ಬ ಬ ಬ ಬ ಬ ಬ ಬ ಬ ಬ
(Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba) (Ba,ba)

ಸುಳಿ ಮಾತುಗಳು [Osi maaththugō (Some words)]:

(Hesaru Maathu) ಹುಳುಗು ಮಾತು (ಹು.ಮಾ.) (Noun)
(Gēlaṣa maathu) ಒಡುಗು ಮಾತು (ಒ.ಮಾ.) (Verb)

ಅಹಿಣ್ಣು (ಹು.ಮಾ.) (Noun) ಬಾಗರೆ (Baagarē) / ಬೆಳೆ ಬೆಳೆ
(Ahi, ma) (ಹು.ಮಾ.) (Noun) ಬಾಗರೆ (Baagarē) / ಬೆಳೆ ಬೆಳೆ
(Ahi, ma) (ಹು.ಮಾ.) (Noun) ಬಾಗರೆ (Baagarē) / ಬೆಳೆ ಬೆಳೆ

ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು
(Adda) (Adda) (Adda) (Adda) (Adda)

ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು
(Addi) (Addi) (Addi) (Addi)

ಅಹಿಣ್ಣು (ಹು.ಮಾ.) (Noun) ಬಾಗರೆ (Baagarē) / ಬೆಳೆ ಬೆಳೆ
(Ahi, ma) (ಹು.ಮಾ.) (Noun) ಬಾಗರೆ (Baagarē) / ಬೆಳೆ ಬೆಳೆ

ಅಹಿಣ್ಣು ಅಹಿಣ್ಣು
(Addi) (Addi)

Please Read, Write, Repeat and practice.

ನಲಗದ ನಲಗದದ
(Badugu Badukkū) (Long live Badugu)

Fig 2: Initial texts of Yogesh Raj P-2.



Fig 3: A sign board using Badugu script in Nilgiri hills.



Fig 4: A calendar using Badugu scripts. (2016)



Fig 5: A wall showing Badugu written in Badugu script along with other languages

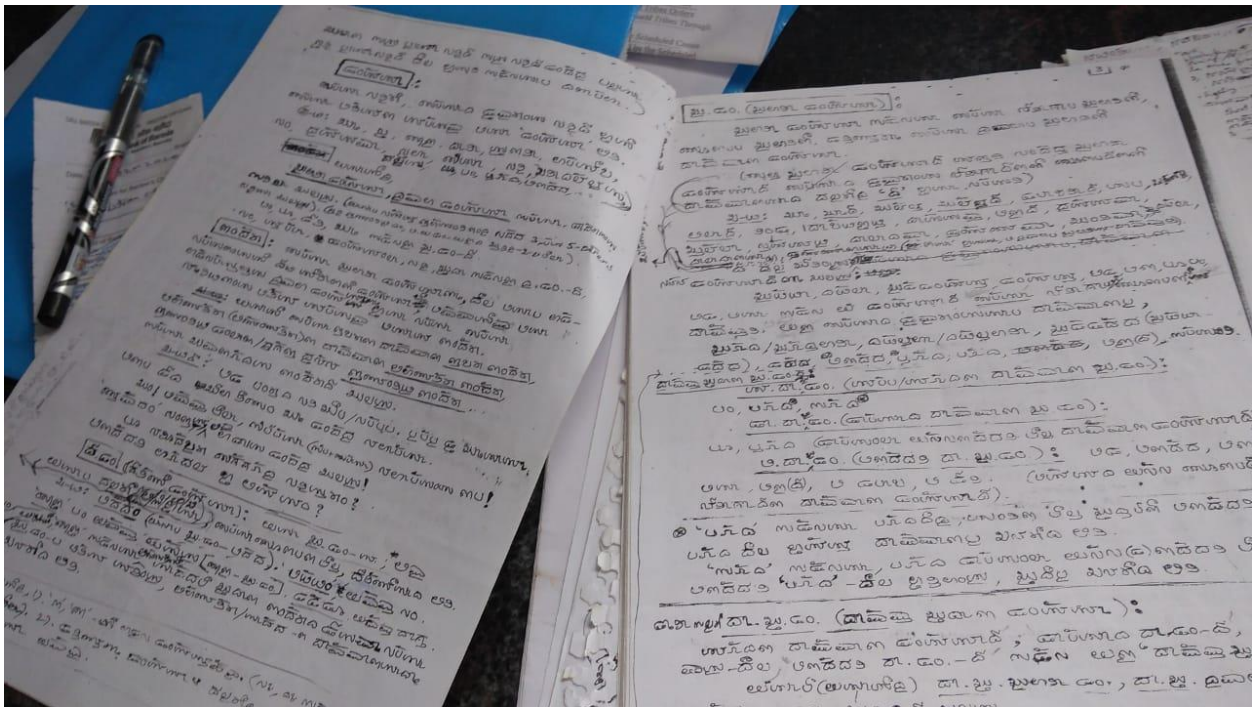


Fig 6: Handwritten texts of Badugu script.



Fig 7: Showing Badugu learning class.

