

Request to change the Unicode chart font for Kannada

L2/13-232

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This document requests to change the Unicode chart font for Kannada script. The document [L2/13-104](#) also requested to change the font apart from correcting the glyph. But, only changing in the glyph was done.

The font should be replaced with a better looking font. It is requested to use the OFL-ed free font Lohit Kannada font (<https://fedorahosted.org/lohit/>) for the chart.
A font with standard glyphs would be better than the current font.

Comparing glyphs of the existing font with the standard font.

Name of the character	Glyph of existing font	Standard font
ANUSVARA	◌ಂ	◌ಂ
VOCALIC L	ಱ	ಲ
CA	ಚ	ಚ
CHA	ಛ	ಛ
DDA	ಡ	ಡ
VOWEL O	ಒ	ಒ
BA	ಬ	ಬ
LLA	ಛ	ಛ

SHA	ಶ	ಶ
VOWEL SIGN VOCALIC R	ಠ	ಠ
HA	ಘ	ಘ
VIRAMA	ಠ	ಠ

Here the position of TALEKATTU (ತಲೆಕಟ್ಟು) ಠ is not proper in letters like CA, CHA and BHA.

The current font does not distinguish much between Vowel O and Letter BA. The shape of Letters LLA and SHA are not accurate to the Standard font.

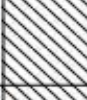
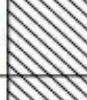
With regarding to VOWEL SIGN VOCALIC R and VOWEL SIGN VOCALIC RR the glyph is placed right. But, they should be little lower and right to the consonant. The shape of Virama is also not precise.

The font-Lohit Kannada is of good aesthetic quality. It is quite standard compare to the existing font. The current font may create confusion for non-native font developers and wrong glyphs can be adopted in the font.

Therefore, the changing the font is reasonable.

Hence, it is requested to change the chart font of Kannada code chart.

Current chart

	0C8	0C9	0CA	0CB	0CC	0CD	0CE	0CF
0		ಐ 0C90	ಠ 0CA0	ರ 0CB0	ೀ 0CC0		ಮಾ 0CE0	
1			ಡ 0CA1	ಱ 0CB1	ು 0CC1		಼ 0CE1	ಞ 0CF1
2	ಂ 0C82	ಒ 0C92	ಢ 0CA2	ಲ 0CB2	ಾ 0CC2		಼ 0CE2	ಂಂ 0CF2
3	ಃ 0C83	ಓ 0C93	ಣ 0CA3	ಳ 0CB3	ಾ 0CC3		಼ 0CE3	
4		ಔ 0C94	ಠ 0CA4		ಾ 0CC4			
5	ಲ 0C85	ಕ 0C95	ಢ 0CA5	ವ 0CB5		ೀ 0CD5		
6	ಆ 0C86	ಖ 0C96	ರ 0CA6	ಶ 0CB6	ೇ 0CC6	ು 0CD6	ಂ 0CE6	
7	ಇ 0C87	ಗ 0C97	ಢ 0CA7	ಷ 0CB7	ೇ 0CC7		ಂ 0CE7	
8	ಈ 0C88	ಫ 0C98	ಠ 0CA8	ಸ 0CB8	ೇ 0CC8		ಂ 0CE8	
9	ಉ 0C89	ಜ 0C99		ಕ 0CB9			ಃ 0CE9	
A	ಊ 0C8A	ಚ 0C9A	ಪ 0CAA		ೇ 0CCA		ಃ 0CEA	
B	ಋ 0C8B	ಛ 0C9B	ಫ 0CAB		ೇ 0CCB		ಃ 0CEB	
C	ೃ 0C8C	ಜ 0C9C	ಬ 0CAC	ಃ 0CBC	ೇ 0CCC		ಃ 0CEC	
D		ಝ 0C9D	ಭ 0CAD	ಃ 0CBD	ೇ 0CCD		ಃ 0CED	
E	ಎ 0C8E	ಞ 0C9E	ಮ 0CAE	ಾ 0CBE		ಃ 0CDE	ಲ 0CEE	
F	ಏ 0C8F	ಟ 0C9F	ಯ 0CAF	ಿ 0CBF			ಃ 0CEF	

Proposed Chart

	C8	C9	CA	CB	CC	CD	CE	CF
0		ಐ	ರ	ರ	ೀ		ಮಾ	
1			ಡ	ಱ	ು		ಗಾ	X
2	ಂ	ಒ	ಢ	ಲ	ೂ		್ತ	ಂ
3	ಃ	ಓ	ಣ	ಳ	್ಮ		್ತ	
4		ಔ	ಷ		್ಞ			
5	ಅ	ಕ	ಢ	ಛ		ೇ		
6	ಆ	ಖ	ದ	ಠ	ಿ	್ಮ	೦	
7	ಇ	ಗ	ದ	ಠ	ೀ		೧	
8	ಈ	ಘ	ನ	ಠ	ೈ		೨	
9	ಉ	ಜ		ಕ			೩	
A	ಊ	ಚ	ಛ		ಿ		೪	
B	ಋ	ಛ	ಛ		ೀ		೫	
C	ಋ	ಜ	ಬ	಼	ೈ		೬	
D		ಝ	ಭ	ಽ	ೈ		೭	
E	ಎ	ಇ	ಮ	ಾ		ಱ	೮	
F	ಏ	ಱ	ಯ	ಿ			೯	