

Proposal to encode additional Pushpika signs in Tulu-Tigalari

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1 Introduction

In the Tulu–Tigalari script, two Pushpika signs are currently encoded:  OM PUSHPIKA and  SHRI PUSHPIKA. These are decorative punctuation symbols used for various purposes, such as ornamental marks and indicators of the end of a sentence, section, or phrase. Their usage is described in Section 8.1 of the Tulu–Tigalari proposal document.¹

In addition to these, a tail-like sign is attached to the above Pushpikas in many manuscripts. Such forms are usually observed at the end of a row of OM or SHRI Pushpika symbols. As both the regular Pushpikas and these proposed forms occur within the same documents, there is a need to represent and distinguish them in plain text.

Since these are punctuation symbols, two additional characters are therefore proposed for independent encoding in the Tulu–Tigalari script.

2 Character Data

The original name of these symbols is not known. The name tail is proposed like 1CEC VEDIC SIGN ANUSVARA VAMAGOMUKHA WITH TAIL. Other names that can be chosen are ELONGATED OM PUSHPIKA, FINAL OM PUSHPIKA, OM ANTYA PUSHPIKA etc. The proposed names are tentative, and feedback is sought on the names.

Glyph	Code point	Name
	113D9	TULU-TIGALARI SIGN OM PUSHPIKA WITH TAIL
	113DA	TULU-TIGALARI SIGN SHRII PUSHPHIKA WITH TAIL

2.1 Character Properties

113D9;TULU-TIGALARI SIGN OM PUSHPIKA WITH TAIL;Po;0;L;;;;N;;;;;

113DA;TULU-TIGALARI SIGN SHRII PUSHPIKA WITH TAIL;Po;0;L;;;;N;;;;;

¹ Updated proposal to encode the Tulu-Tigalari script in Unicode
<https://www.unicode.org/L2/L2022/22031-tulu-tigalari-prop.pdf>

3 Source of Attestations

Images of manuscripts are obtained from digitised collections of

- Institut Français de Pondichéry

<https://digitalcollections.ifpindia.org/s/manuscripts/item-set/307452>

- Images provided by Vaishnavi Murthy through her collection.

4 Acknowledgments

We would like to thank Vaishnavi Murthy for designing and providing the font and sharing images of manuscripts.

5 Attestations

5.1 Attestations for OM PUSHPIKA WITH TAIL ூ

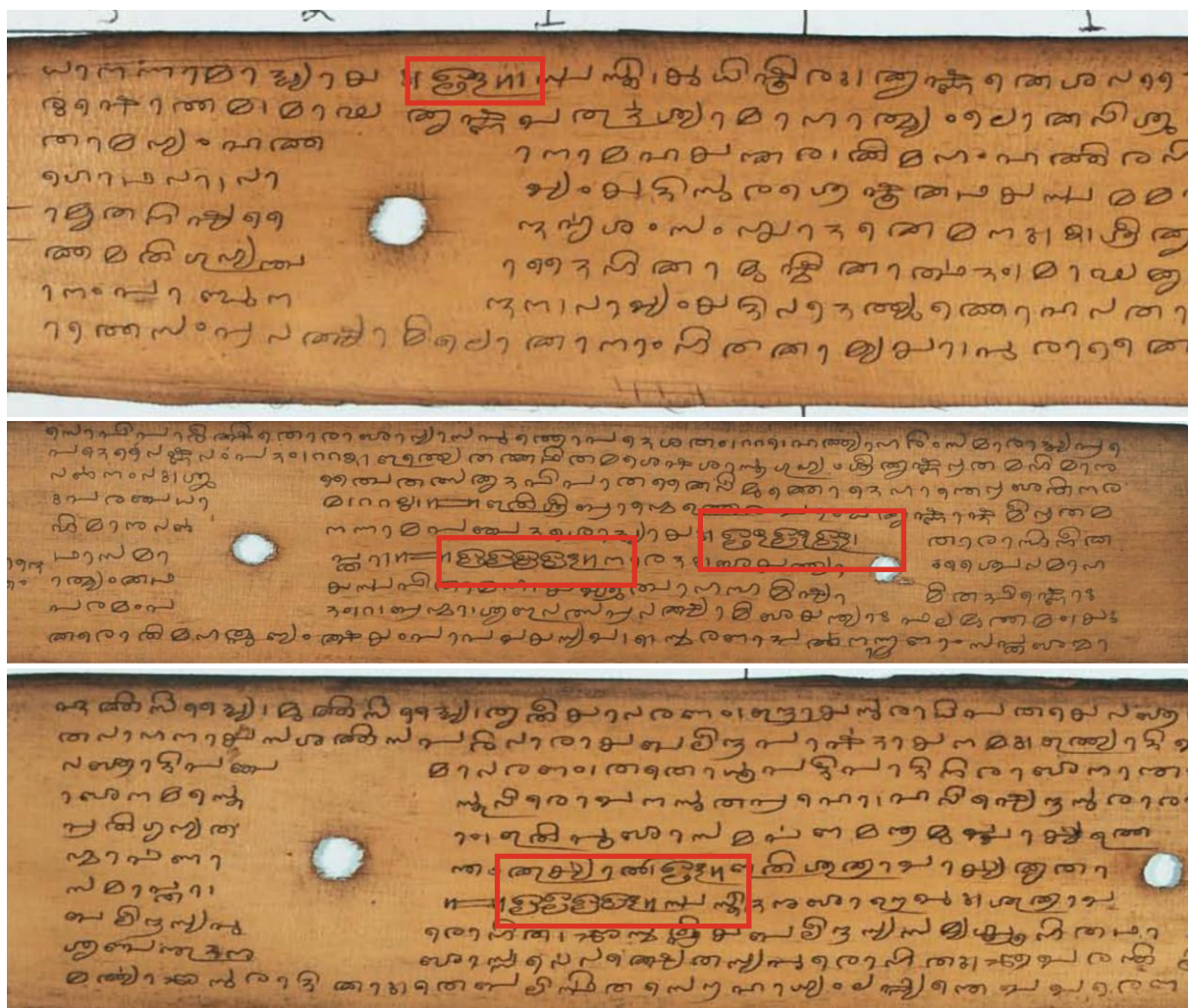


Figure 1. Here ூ after series of ூ. Here occurs after the end of chapters. From manuscript no IFP No. RE43227

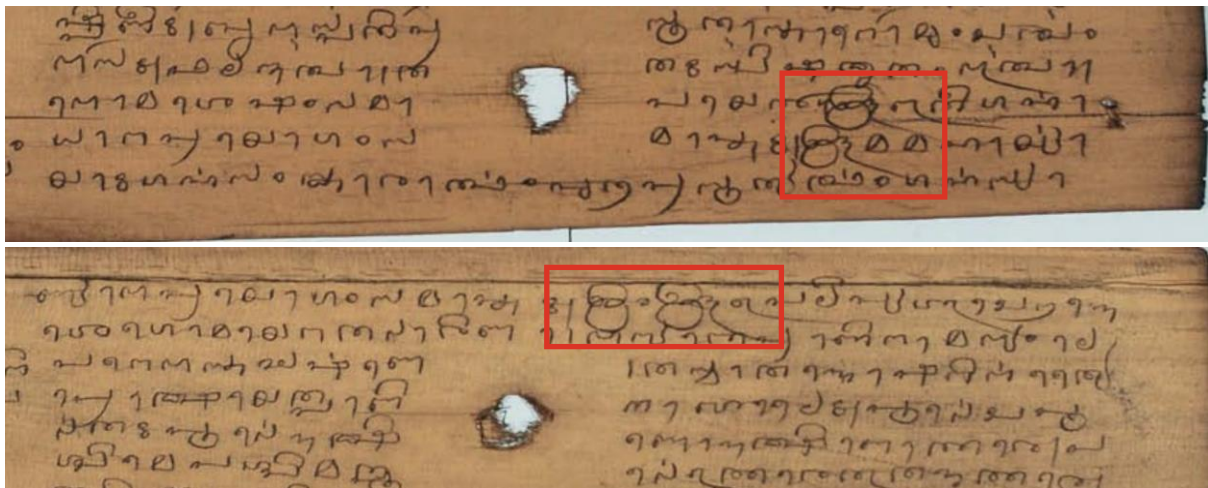


Figure 2. Contrastive use of ௐ and ௑. Here it occurs after end of chapters. From IFP No.RE43223

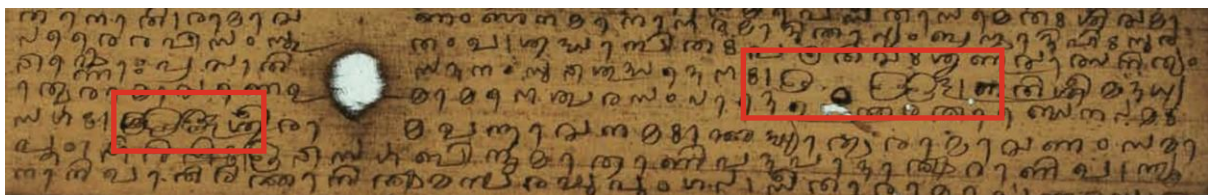


Figure 3. Contrastive use of ௐ and ௑. From IFP No. RE50544.

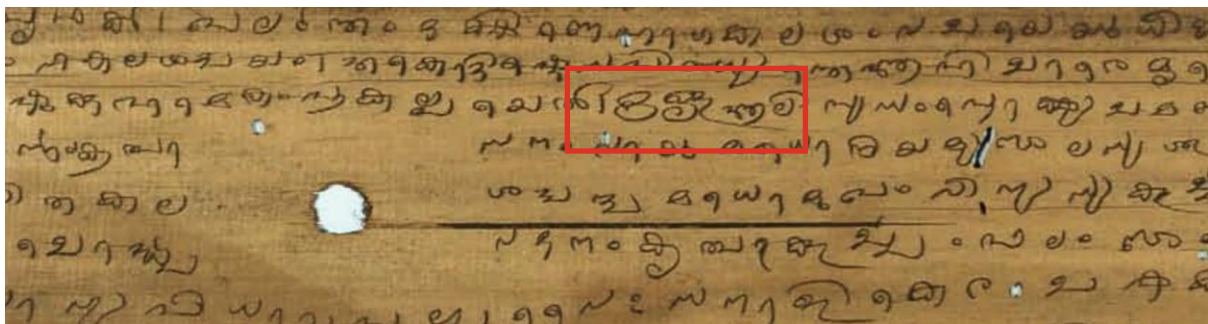


Figure 4. Contrastive use of ௐ and ௑. From IFP No. RE50727

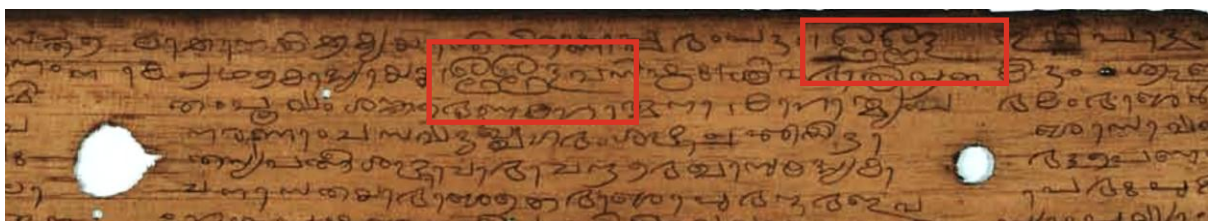


Figure 5. Contrastive use of ௐ and ௑. From IFP No. RE43286

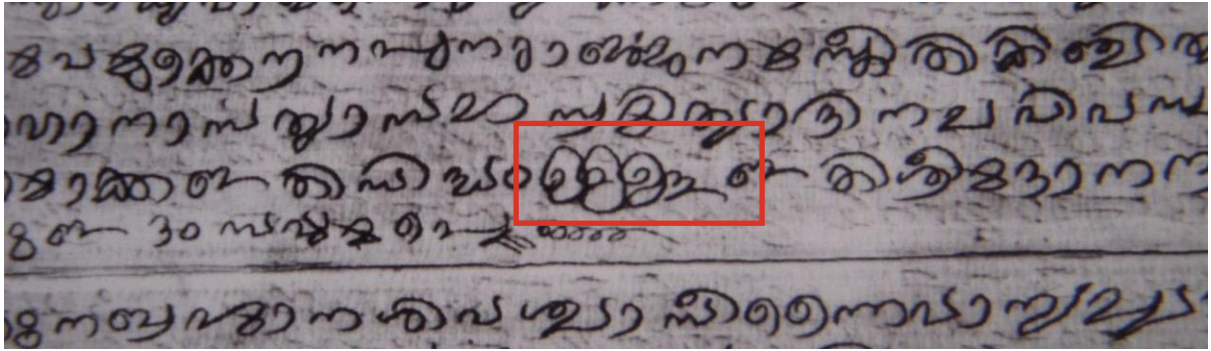


Figure 6. Contrastive use of ᱚ and ᱛ in manuscript of Sarvamula Grantha. From Tara Prakashana. ᱛ occurs after series of ᱚ.

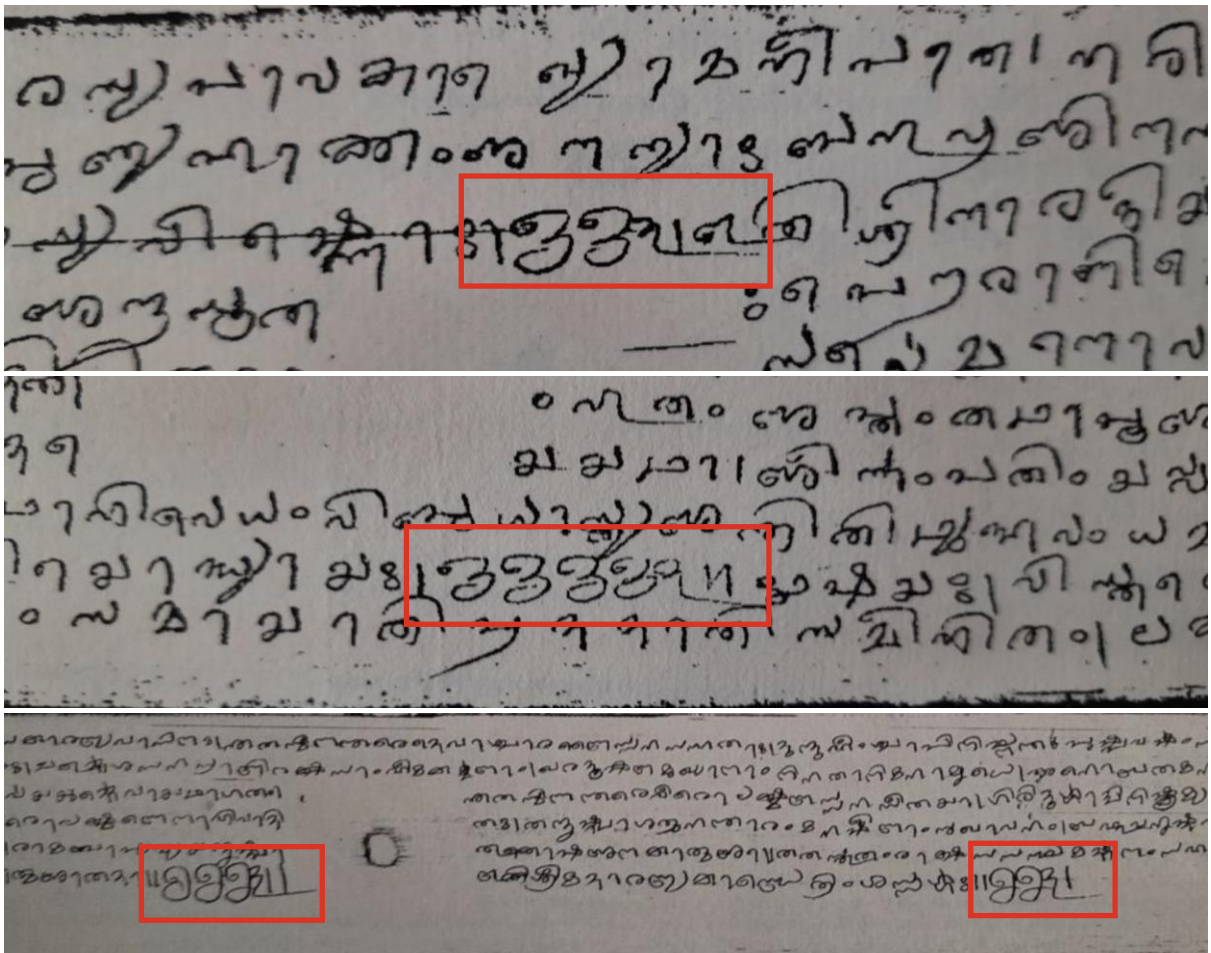


Figure 7. Contrastive use of ᱚ and ᱛ. From Tara Prakashana. ᱛ occurs after series of ᱚ.

5.2 Attestations for SHRII PUSHPIKA WITH TAIL

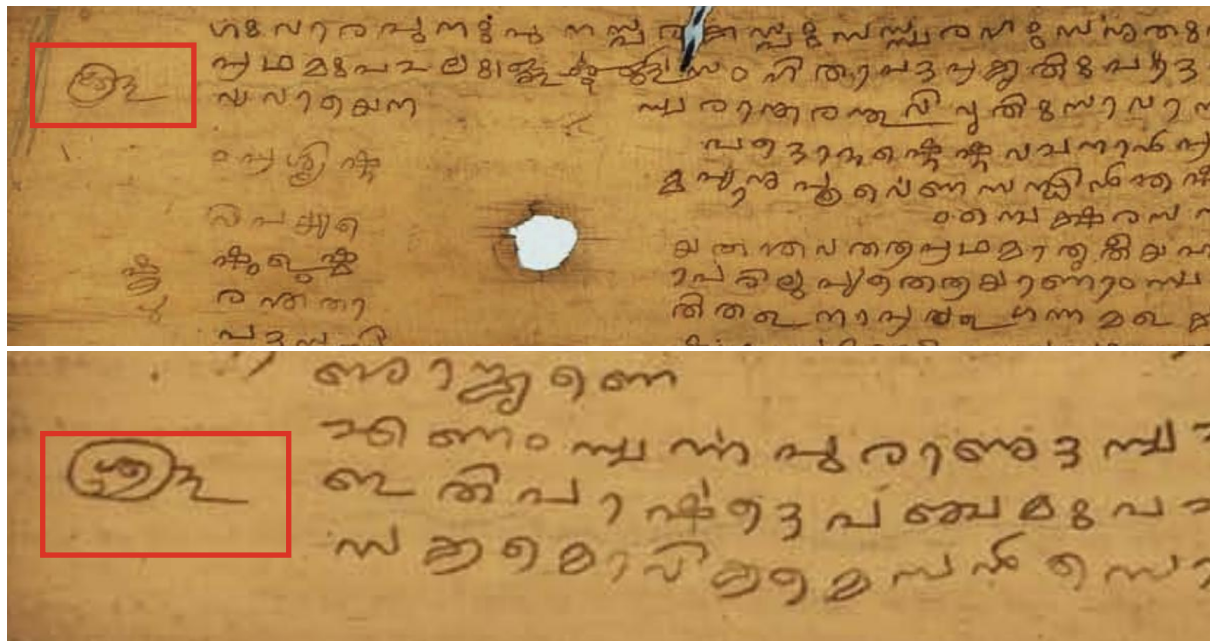


Figure 8. From IFP No. RE43205

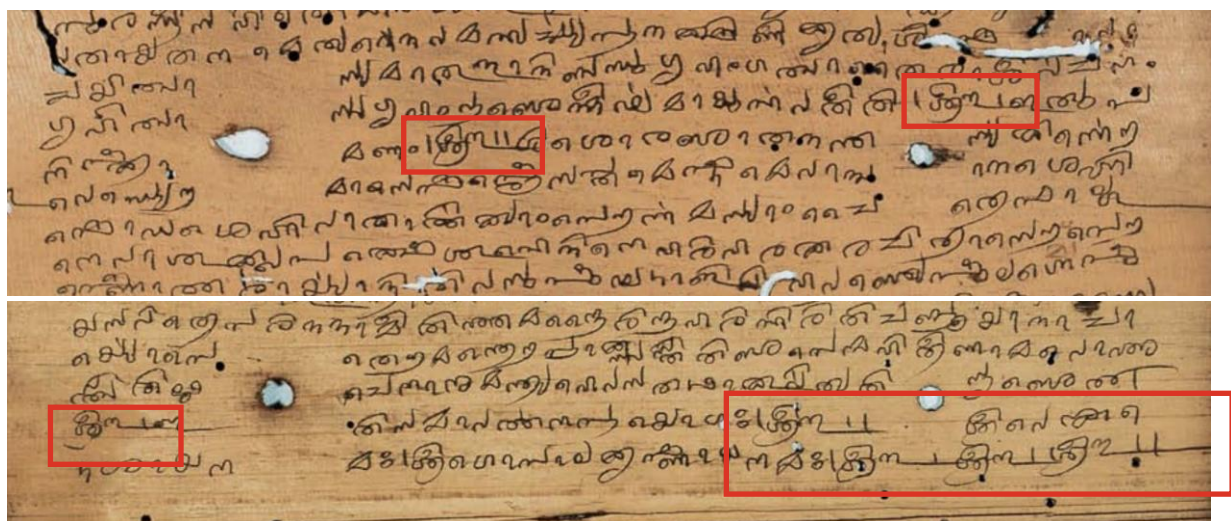


Figure 9. From IFP No. RE50256

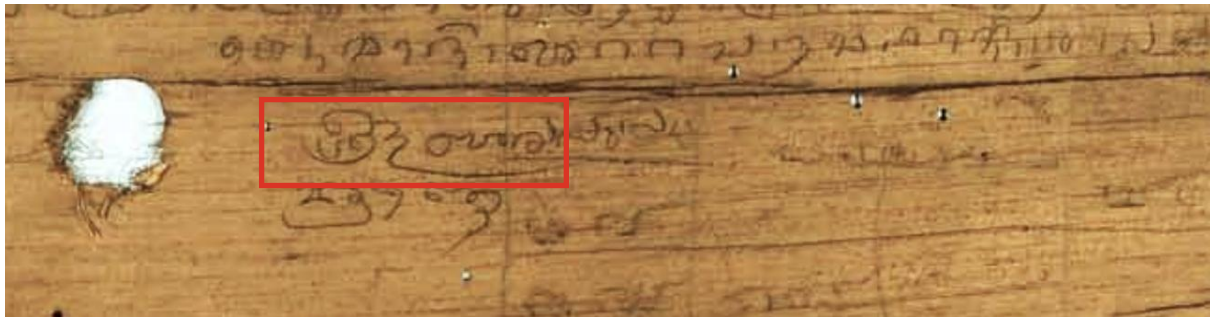


Figure 10. From IFP No.50258

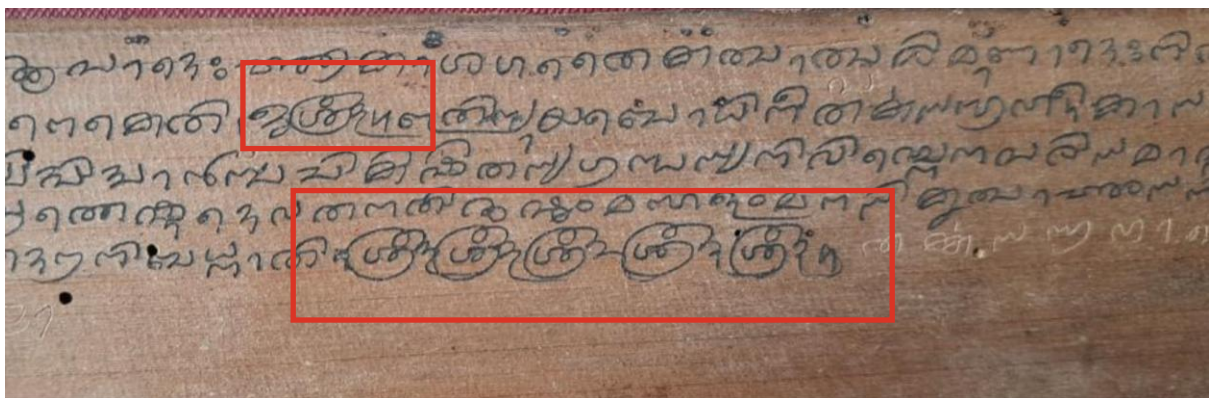
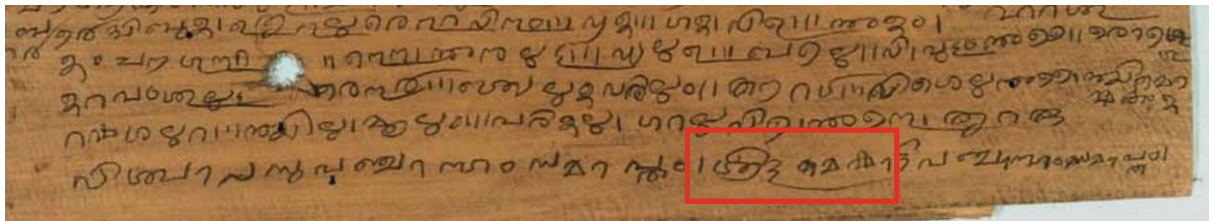


Figure 11. From Vaishnavi Murthy

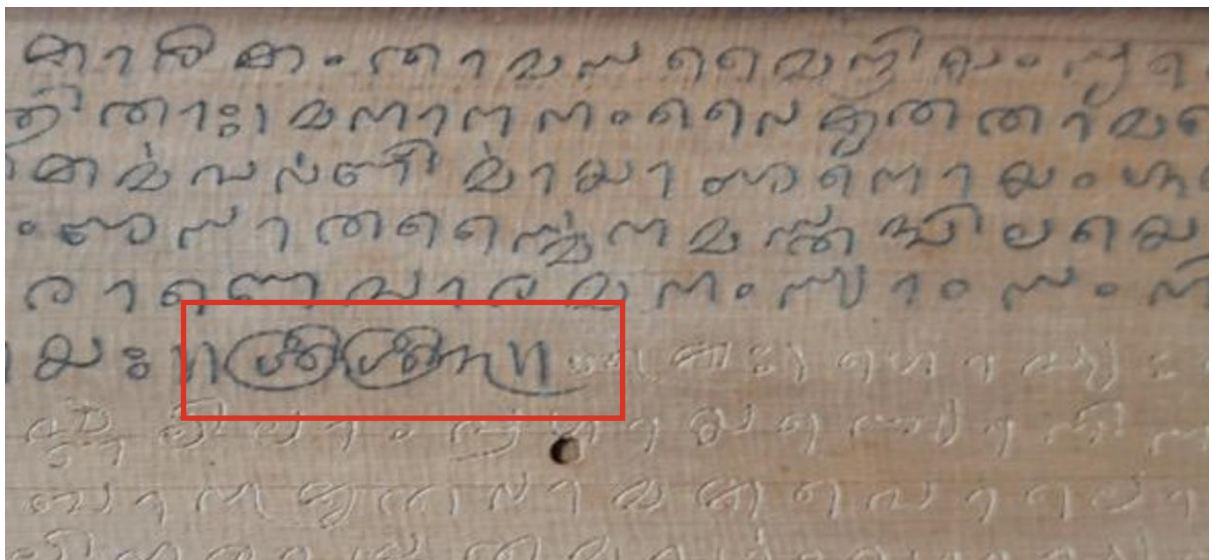


Figure 12. Contrastive use of both ॐ and ॐ in the same manuscript. From Vaishnavi Murthy.

ISO/IEC JTC 1/SC 2/WG 2

PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS

FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from

<http://std.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from

<http://std.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest *Roadmaps*.

Form number: N4502-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05, 2009-11, 2011-03, 2012-01)

A. Administrative

1. Title: **Proposal to encode additional Pushpika signs in Tulu-Tigalari**

2. Requester's name: **Srinidhi A and Sridatta A**

3. Requester type (Member body/Liaison/Individual contribution): **Individual Contribution**

4. Submission date: **May 6, 2026**

5. Requester's reference (if applicable):

6. Choose one of the following:

This is a complete proposal: **Yes**

(or) More information will be provided later:

B. Technical - General

1. Choose one of the following:

a. This proposal is for a new script (set of characters):

Proposed name of script:

b. The proposal is for addition of character(s) to an existing block: **Yes**

Name of the existing block:

Tulu-Tigalari

2. Number of characters in proposal:

3. Proposed category (select one from below - see section 2.2 of P&P document):

A-Contemporary

B.1-Specialized (small collection)

B.2-Specialized (large collection)

X

C-Major extinct

D-Attested extinct

E-Minor extinct

F-Archaic Hieroglyphic or Ideographic

G-Obscure or questionable usage symbols

4. Is a repertoire including character names provided?

Yes

a. If YES, are the names in accordance with the "character naming guidelines"

Yes

b. Are the character shapes attached in a legible form suitable for review?	Yes
5. Fonts related:	
a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?	Vaishnavi Murthy
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):	Vaishnavi Murthy (vaishnavimurthy@gmail.com)
6. References:	
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	Yes
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	Yes
7. Special encoding issue	
Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?	Yes
8. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see UAX#44: http://www.unicode.org/reports/tr44/ and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.	

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?	No
If YES explain	
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?	Yes
If YES, available relevant documents:	Contacted Tulu-Tigalari experts (Vaishnavi Murthy)
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?	No
Reference:	

4. The context of use for the proposed characters type of use; common or rare)	common
Reference:	
5. Are the proposed characters in current use by the user community?	No
If YES, where? Reference:	
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?	N/A
If YES, is a rationale provided?	
If Yes, reference:	
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	Yes
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?	No
If YES, is a rationale for its inclusion provided?	
If Yes, reference:	
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?	No
If YES, is a rationale for its inclusion provided?	
If Yes, reference:	
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to, or could be confused with, an existing character?	No
If YES, is a rationale for its inclusion provided?	
If Yes, reference:	
11. Does the proposal include use of combining characters and/or use of composite sequences?	No
If YES, is a rationale for such use provided?	
If Yes, reference:	
Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?	
If Yes,	

reference:	
12. Does the proposal contain characters with any special properties such as	
control function or similar semantics?	No
If YES, describe in detail (include attachment if necessary)	
13. Does the proposal contain any Ideographic compatibility characters?	No
If YES, are the equivalent corresponding unified ideographic characters identified?	
If Yes,	
reference:	

UnicodeData.txt

```
1 113D9;TULU-TIGALARI SIGN OM PUSHPIKA WITH TAIL;Po;0;L;;;;N;;;;;
2 113DA;TULU-TIGALARI SIGN SHRII PUSHPIKA WITH TAIL;Po;0;L;;;;N;;;;;
+2
```