CONTINUED PROPOSAL DOCUMENT TO ENCODE TULU

Dr. Akash Raj Jain (docakash@gmail.com)

Technical Support

Biswajit Mandal Kiran Tuluve

Sharath Kumar Kodavoor Sumanth Poojary Hebri

March 01, 2025

SUBJECT:

The purpose of this proposal is to include Modern Tulu Characters & few alternative Tulu characters which are variants of TULU-TIGALARI characters and also to include TULU numerals as an updated version in existing TULU-TIGALARI Unicode block.

A.) PROPOSAL TO ENCODE ALTERNATIVE & ADDITIONAL TULU CHARACTERS

Introduction

This proposal is to bring to the kind attention of script Ad Hoc towards some new and alternative Tulu characters and to include those characters into Tulu-Tigalari Block. Author of L2/22-031, proposed characters based on manuscript and historical elements.

But the newest form of Tulu characters is bit different among them. Contemporarily people are using the newest or so-called revised forms of few characters. People of user community is recommending to add only those characters that is newly added and revamped glyphs. They are recommending to add all the characters as name of alternative letters and signs. Because the encoded forms are required to digitize the manuscripts and new forms are for current usage. People of new generation are habitual in modern forms of Tulu letters. They are facing difficulties to identify the encoded forms of letters. Current encoded letters are based on Sanskrit phonology but the new characters in modern Tulu do represent all the Tulu phonologies, which are absent in the current Unicode block.

1. Proposed Alternative TULU Characters

- 1.1 Some characters were shown as alternative in the previous proposals such as L2/22-031 and L2/21-211. But newest characters are currently being in use instead of proposed characters. These characters are proposed as separate characters through this proposal in the name of alternatives.
- **1.2** Some signs also combined to create different vowel sounds such as:

্ া	/o:/	೦	+	ា
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- ൗി is alternative form of vowel sign [ി] 00 in modern form.
- 1.3 Some characters were not shown as alternative in the previous proposals such as L2/22-031 and L2/21-211. But these characters are currently being use. A different type of 32 OM is currently being used in the Tulu orthography is it quite different from the
 - SIGN OM PUSHPIKA U+113D7. It is the combination some letters and sign.

<u>క</u> ాప్త	=	3	+	×	+	2
	_	_	•	1.7	•	_

Character Details:

HISTORIC	ALTERNATIVE	CODE	ENCODED	CHARACTER NAME	NEED FOR EXTENDED BLOCKS
62	<u> </u>	U+113E3	െ_	TULU-TIGALARI LETTER I	-
ong	<u> </u>	U+113E4	ൗ	TULU-TIGALARI LETTER II	-
02	2_	U+113E5	െ	TULU-TIGALARI LETTER U	-
8	<u> </u>	U+113E6	ရွ	TULU-TIGALARI LETTER UU	-

267	₽	U+113E7	ത	TULU-TIGALARI LETTER EE	-
929	3260	U+113E8	୩ ഗ്ത	TULU-TIGALARI LETTER AI	-
63	98	U+113E9	57	TULU-TIGALARI LETTER OO	-
व्यू न	ತ ಌ	U+113EA	67J)	TULU-TIGALARI LETTER AU	-
52	ข	U+113EB	ച	TULU-TIGALARI LETTER KHA	-
230	บ	U+113EC	2	TULU-TIGALARI LETTER CA	-
250	വര	U+113ED	ഒ	TULU-TIGALARI LETTER CHA	-
240	ಎ	U+113EF	එ	TULU-TIGALARI LETTER JHA	-
5	S	U+113F0	5	TULU-TIGALARI LETTER TTA	-
3	3	U+113F1	3	TULU-TIGALARI LETTER DA	-
19	Q\$	U+113F2	ഷ	TULU-TIGALARI LETTER SSA	-
m	ත	U+113F3	M	TULU-TIGALARI LETTER SA	-
	ಲ	U+113F4	ಛ	TULU-TIGALARI LETTER RRA	-
	<u> </u>	U+113F5	3	TULU-TIGALARI SIGN OM PUSHPIKA	-
	ૼ	U+113DA	్త	TULU-TIGALARI VOWEL SIGN UU	U+113DA FOUND RESERVED. IF CANNOT BE USED, WE NEED TO HAVE

				EXTENDED BLOCK
9	U+113DB		TULU-TIGALARI VOWEL SIGN EE	U+113DB FOUND RESERVED. IF CANNOT BE USED, WE NEED TO HAVE EXTENDED BLOCK
99	U+113DC	ବ୍ ବ	TULU-TIGALARI VOWEL SIGN AI	U+113DC FOUND RESERVED. IF CANNOT BE USED, WE NEED TO HAVE EXTENDED BLOCK
<u>9</u> 1	U+113DD	ঀ ৗ	TULU-TIGALARI VOWEL SIGN OO	U+113DD FOUND RESERVED. IF CANNOT BE USED, WE NEED TO HAVE EXTENDED BLOCK

Table 1: Code Mapping for Alternative Modern Tulu Characters.

2. Proposed Additional Characters

2.1 There are two new vowel signs have been added in modern Tulu to pronounce some special sounds like $/\epsilon/$ and $/\epsilon:/$.

GLYPHS	PROPOSED NAME
े	TULU-TIGALARI VOWEL SIGN AE
ಾ	TULU TIGALARI VOWEL SIGN AEE

Table 2: GLYPHS for Tulu Letter AE and AEE

These two signs also combined with the vowels to make diphthongs or long vowels.

ગ - ન	/ε/	ય ્ન	+	∂্
ಿಕ್	/ε:/	কূ	+	े

Examples:

Letter	Example word	Transliteration	Meaning
್ಕಾ	ා <u>-</u> වේය	èkkadè	hiccups
3,50	ిత్తుడ	émè	Tortoise
ಾ	ബാവ്	barpè	will come
a	ബാന	bénè	pain

Table 3: Example words for additional characters

2.2 In modern tulu, LETTER E /e/ and LETTER O /o/ vowels are currently on wide usage as 40 and 8 which are useful as per tulu phonology. And their vowel signs are represented as 9 and 91.

Examples for LETTER E, LETTER EE, LETTER O, LETTER OO and respective vowel signs indicating different meanings as per different tulu phonology are shown in the table.

Letter	Example word	Transliteration	Meaning
- 6	-ംബമ്	ermè	shebuffalo
	ಸ್ರಾಶ	ērmè	Hightened place
3	<u>ತಿ</u>	oḍu	Monitor lizard(a
			reptile)
9න	೫೩ಌ	ōḍu	Roofing tile
9	೨ದಣಿ೨೪	keniye	Fraud
<u> </u>	9ದ್ದಾಗಿ92	kēniye	asked
9 ○1	ൗതാഡു	toḍu	want/wish
			for/desire
् ।		tōḍu	small natural
			water canal

Table 4: Example words for Tulu Letter E, Letter EE, Letter O, Letter OO and respective vowel sign.

Character Details:

GLYPH	CODE	CHARACTER NAME
- 6	U+1138A	TULU-TIGALARI LETTER E
್ಕಾ	U+1138C	TULU-TIGALARI LETTER AE
್ರಾವಿ	U+1138D	TULU-TIGALARI LETTER AEE
8	U+1138F	TULU-TIGALARI LETTER O
9	U+113C1	TULU-TIGALARI VOWEL SIGN E
े	U+113C3	TULU-TIGALARI VOWEL SIGN AE
a	U+113C4	TULU-TIGALARI VOWEL SIGN AEE
9 1	U+113C6	TULU-TIGALARI VOWEL SIGN O

Table 5: Code mapping for additional characters.

3. Handwritten Evidences

https://drive.google.com/drive/folders/1nz7GuzBUGPT81VB1nyQ0dT2On3XAL K2-

4. Recently Developed Pingara Font:

https://www.jaitulunad.in/font/pingara.otf

B.) PROPOSAL TO ENCODE TULU NUMERALS

Introduction

This is a proposal to encode Tulu Numerals in the Universal Character Set that is TULU-TIGALARI.

1. Character Details

GLYPH	CODE	CHARACTER NAME
0	U+113F6	TULU-TIGALARI DIGIT ZERO
P	U+113F7	TULU-TIGALARI DIGIT ONE
2	U+113F8	TULU-TIGALARI DIGIT TWO
∾2	U+113F9	TULU-TIGALARI DIGIT THREE
<i>∞</i>	U+113FA	TULU-TIGALARI DIGIT FOUR
3	U+113FB	TULU-TIGALARI DIGIT FIVE
<i>യ</i> റ്റ	U+113FC	TULU-TIGALARI DIGIT SIX
9	U+113FD	TULU-TIGALARI DIGIT SEVEN
ಶು	U+113FE	TULU-TIGALARI DIGIT EIGHT
უ	U+113FF	TULU-TIGALARI DIGIT NINE

Table 6: Code mapping for Tulu numerals

2. Background

The proposed characters are elements of a numeric notation system used in TULU (U+11380 - U+113FF), which were not encoded into Unicode. There are sufficient evidences to prove that the usage of TULU digits and numbers in modern time as per proposal L2/22-031. These are evidences from manuscript & printed materials of the proposed characters.

Proposed	Manuscript	Printed	Handwritten
0	0	0	0
P	. <u> </u>	P	-
2	<i>e</i>	2	2
2	D.	2	2
∞	erb	00	20
3	9	3)	3
ക	9	ற	الم
9	6	9	2
ഹ	20	20	20
ຶ່ນ	10	σ	0

Table 7: Evidences for Tulu numerals

There are several Tulu fonts having this numbers, using to print various printed materials. TULU- TIGALARI encoded in v16.0 has not encoded these numbers. L2/22-031 has recommended the Kannada digits, which was may be due to lack of evidence. Now-a-days some True Types non-Unicode fonts like 'Tulu Baravu, Allige Mandara, 'Palan Tulu', and 'Pingara' etc. are having these digits. Another True Type font was created by the author specifically for this proposal is based on 'TULU-TIGALARI' style.

Proposed	<u>Palantulu</u>	<u>Mandara</u>	<u>Pingara</u>
0	0	0	О
ਰੀ	Ť	f	ተ
2	2	2	2
േ	~	2	2
200	@	@	∞
(3)	3	3	3)
ത്ന	ఌ	ீ	அ
ഉ	າ	9	9
മറ	ചി	ഹ	20
Υ	უ	ာ	$\boldsymbol{\sigma}$

Table 8: Comparison chart of Tulu fonts.

References

- 1. Dr Radha Krishna Bellur Author Tulu Lipi Parichaya, Paleographist & Kannada Professor.
- 2. Dr Vignaraja S R, Head In-Charge, Shri Dharamshala Manjunatheshwara Sanskriti Prathistana, Dharamstala
- 3. Jai Tulunad (R.) Bangalore Unit Tulu Baravuda Aisira. Print by Varnila, 39/2-11 Kalyani Garden, Bangalore
- 4. Ojha, Pandit Gaurishankar Hirachand.1971.Bharathiya Prachina Lipi Mala,Taj Offset Press, Delhi
- 5. Ullal, G.V.S.2016 Tulu Akshara Maala www.nammakaraavali.com.

C.) CHARACTER PROPERTIES for TULU-TIGALARI LETTERS & NUMERALS:

```
113E3;TULU-TIGALARI LETTER I;Lo;0;L;;;;;N;;;;;
113E4;TULU-TIGALARI LETTER II;Lo;0;L;;;;;N;;;;;
113E5;TULU-TIGALARI LETTER U;Lo;0;L;;;;;N;;;;
113E6;TULU-TIGALARI LETTER UU;Lo;0;L;;;;;N;;;;
1138A;TULU-TIGALARI LETTER E;Lo;0;L;;;;;N;;;;;
113E7;TULU-TIGALARI LETTER EE;Lo;O;L;;;;N;;;;
113E8;TULU-TIGALARI LETTER AI;Lo;0;L;;;;;N;;;;
1138F;TULU-TIGALARI LETTER O;Lo;0;L;;;;;N;;;;;
113E9;TULU-TIGALARI LETTER OO;Lo;0;L;;;;;N;;;;
113EA;TULU-TIGALARI LETTER AU;Lo;0;L;;;;;N;;;;;
113EB;TULU-TIGALARI LETTER KHA;Lo;0;L;;;;N;;;;
113EC;TULU-TIGALARI LETTER CA;Lo;0;L;;;;;N;;;;
113ED;TULU-TIGALARI LETTER CHA;Lo;0;L;;;;N;;;;
113EF;TULU-TIGALARI LETTER JHA;Lo;0;L;;;;N;;;;
113F0;TULU-TIGALARI LETTER TTA;Lo;0;L;;;;N;;;;
113F1;TULU-TIGALARI LETTER DA;Lo;0;L;;;;;N;;;;
113F2;TULU-TIGALARI LETTER SSA;Lo;0;L;;;;N;;;;
113F3;TULU-TIGALARI LETTER SA;Lo;0;L;;;;;N;;;;
113F4;TULU-TIGALARI LETTER RRA;Lo;0;L;;;;;N;;;;
113F5;TULU-TIGALARI SIGN OM PUSHPIKA;Po;0;L;;;;;N;;;;
113DA;TULU-TIGALARI VOWEL SIGN UU;Mn;0;NSM;;;;;N;;;;
113DB;TULU-TIGALARI VOWEL SIGN EE;Mn;0;NSM;;;;;N;;;;
113DC;TULU-TIGALARI VOWEL SIGN AI;Mn;0;NSM;;;;N;;;;
113DD;TULU-TIGALARI VOWEL SIGN OO;Mc;0;L;113B8;;;;N;;;;
1138C;TULU-TIGALARI LETTER AE;Lo;0;L;;;;;N;;;;
1138D;TULU-TIGALARI LETTER AEE;Lo;0;L;;;;;N;;;;
113C1;TULU-TIGALARI VOWEL SIGN E;Mc;0;L;;;;;N;;;;
113C3;TULU-TIGALARI VOWEL SIGN AE;Mc;0;L;;;;;N;;;;
113C4;TULU-TIGALARI VOWEL SIGN AEE;Mc;0;L;;;;;N;;;;
113C6;TULU-TIGALARI VOWEL SIGN O;Mc;0;L;113C1 113B8;;;;N;;;;
113F6;TULU-TIGALARI DIGIT ZERO;Nd;0;L;;0;0;0;N;;;;
113F7;TULU-TIGALARI DIGIT ONE;Nd;0;L;;1;1;1;N;;;;
113F8;TULU-TIGALARI DIGIT TWO;Nd;0;L;;2;2;2;N;;;;
113F9;TULU-TIGALARI DIGIT THREE;Nd;0;L;;3;3;3;N;;;;;
113FA;TULU-TIGALARI DIGIT FOUR;Nd;0;L;;4;4;4;N;;;;
113FB;TULU-TIGALARI DIGIT FIVE;Nd;0;L;;5;5;5;N;;;;
113FC;TULU-TIGALARI DIGIT SIX;Nd;0;L;;6;6;6;N;;;;;
113FD;TULU-TIGALARI DIGIT SEVEN;Nd;0;L;;7;7;7;N;;;;
113FE;TULU-TIGALARI DIGIT EIGHT;Nd;0;L;;8;8;8;N;;;;;
113FF;TULU-TIGALARI DIGIT NINE;Nd;0;L;;9;9;9;N;;;;;
```



Fig 1: Tulu Purpa

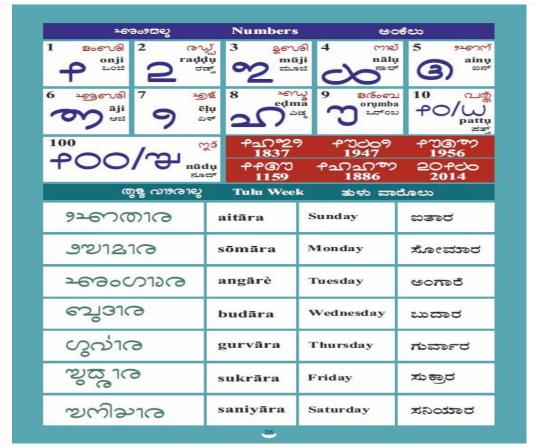


Fig 2: Tulu Baravuda Aisira

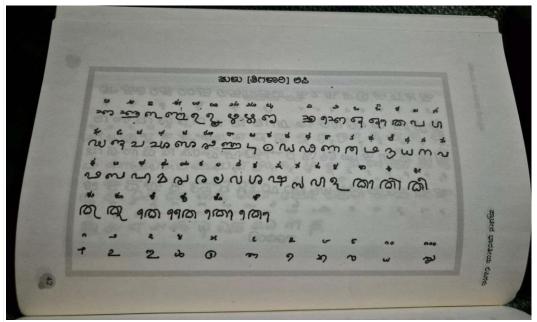


Fig 3: Oldest Indian Scripts (Prachina Bharathiya Lipigaļu]. (42:2020)

शीलप	चित्रान	अञ्चराणां मेतराण स्पाण					सङ्खाः		
西西西南西西西西西南部市市西西西西西西西西西西西西西西西西西西西西西西西西西西		त सिकार के विष के के विश्व का कि का	5 9 8 9 6 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		म नियं भ छ	S C C C C		1 234567890	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Fig 4: From The Poornaprajna Samshodhana Mandiram, Bangalore.

1 - 4	11 - W-f	21-2W9	31-22-	41-20W-P	51-BW9	61-3027	70-94-	81-2927	-10 m-1e
2 - 2	12-42	22-242	32-242	42-3W2	52-642	62-mul	72-902	92-2722	92-78WL
3 - 2	13 - WZ	23-2 62	33-Zw2	43-202	53-Gw2	63-39 2	73-92	83-2929	93 - 70 w
4 - 20	14 - W 30	24-200	34- Z w2	مرسور-44	54-@W>	64-2043	74-92 20	84-27230	94-70-2
5 - B	15 - W (3°	25-2 w G	35-246	45-30 WB	55-GuG	65-MW8	75-928	85-2926	95-7026
وره - 9	16-2177	26-2 Nm	36-2wm	46-20 Nov	56-0 wa	66-37 Way	76 - 9 Way	86-2000	96-70 Wa
7-9	17-W9	27-229	37-22 w 9	47-2009	57-Bw9	67-3729	77-929	87-2929	97-7009
8 - 20	18 - W 29	28-2 WZ	38 - 2 2	48-20 22	58-G227	68-109 10 30	78 - 9 220	88-20-257	28 - 70 wa
9 - 70	19 - ~0	29-200	39 -ZW79	49-20-20	69-B20	69 - mp . ly	79 - 920	89-20-17	99-7027
10 - 60	20-2 W	30 - 2 W	40-20 W	50-32	60-87W	70-90	80-20 2	80- DM	100 - 3

Fig 5: From Dr S R Vighnaraj, Dharmasthala Samshodana Pratishtana, Dharmasthala. Published by Tulu Sahitya Academy, Mangalore. 2006



Fig 6: A Page from Tulu Calendar (Kala Konde – Tulu Month Suggi)



Fig 8 : Mangaluru City Corporation.

<u>Acknowledgment:</u> We would like to pay our gratitude for supporting us throughout this work to MLA D. Vedavyasa Kamath, Dayananda G Kattalsar & Various Institutions / Organizations.

❖ D. Vedavyasa Kamath, MLA, Mangalore City.

D. VedavyasaKamath

M.L.A, **Mangaluru City South** Mob:+ 91 - 99019 25909



L.H. Building No. 2, 4th Floor, #431-432 , Legislator's Home , Bangaluru-560001.

Official M.L.A. Office:

Mangaluru City Corporation , 1st Floor, Lalbagh , Mangaluru – 575003. Office No. : 0824 - 2453605 P.A.: 8904321621, 819727222 Mail id:atalseva2017@gmai.com

Date: 22.02.2025

SI. No: M.S.A.C./GL/73/2024-25

To, Unicode Consortium California

Dear sir /madam,

Subject :: process of encoding Tulu script

We are registered organisation having our Motto of uplifting and protecting tulu culture and language since..... request you to consider this letter as a supportive letter in the process of encoding Tulu script to Dr Akash Raj Jain who has been along with his team working for encoding the script selflessly.

We in association with many other similar organisations appreciate the work and we herewith conclude that whatever decision he takes would be for the benefit of Tulu culture and language.

Kindly see that Tulu script unicoding is completed at the earliest.

Thanking you,

D. VEDAVYASA KAMATH Member Legislative Assembly Mangaluru City South Constituency Mangaluru

With regards,

D. VEDAVYAS KAMATH MLAANGALURU SOUTH

M.L.A. Personal Office AtalSeva Kendra , Bhandary Pacific Building , P.V.S. Kalakunja Road , Near Expert college , Kodial Bail, Mangaluru-575003. Mob: - 8197270222

E-mail:atalseva2017@gmail.com vedavyasbjp vedavyasbjp bjpmangalurucitysouth ovedavyasbjp



❖ Jai Tulunad (R.) Organization.



Reg No. DKM-595-2015-16

website: www.jaitulunad.in

Date: 12.02.2025

To

Unicode Consortium California, USA

Subject: Encoding Tulu Script

Dear Sir/Madam,

Jai Tulunad(R.) is a registered organization (Reg No: DKM-595-2015-16), has been actively working for the past 11+ years, to uplift and protect Tulu culture, language & script. This organization has its branches in different place all over woric, members of this organization are living in different places, to spread the fragrance of Tulu (https://www.jaitulunad.in/).

Since request you to consider this letter as a supportive letter in the process of encoding Tulu script to Dr. Akash Raj Jain who has been along with his team working for ercoding the script selflessly

We in association with many other similar organisations appreciate the work and we herewith conclude that whatever decision he takes would be for the benefit of Tulu culture and language

Kindly request to expedite the process of encoding the Tulu Script which is currently in usage, ensuring its rightful place in the digital era & safeguarding its heritage for future generations.

Thank you.



U Poonic Your's faithfully, Uday Poonja

President, Jai Tulunad(R.)

Head Office: Jai Tulunad (R.), Near Canara Bank, PanchaMahal Road, Mulki - 574154

central.jaitulunad@gmail.com jaitulunadofficial@gmail.com

founders jaitulunad@gmail.com



Times of Kudla Tulu Weekly News Paper.



3rd Floor, Beauty Plaza, Balmatta Road, Mangalore | Contact: 9900737896 | E-mail: thetimsofkudla@gmail.com

Date

To,

Unicode Consortium California

Subject : Process Of Encoding Tulu Script

Dear Sir/Madam,

We are Registered Tulu Weekly Print News Media Having Our Motto of Uplifting and Protecting Tulu Culture and Language Since 2012. Request you to Consider this Letter as a Supportive Letter in the Process of Encoding Tulu Script to

Dr Akash Raj Jain who has been along with his team Working for Encoding the Script Selflessly.

We in Association with many other Similar Organisations
Appreciate the work and We Here with Conclude that whatever decision he
takes would be for the benefit of Tulu Culture and Langauge.

We Respectfully Urge the Unicode Consortium to Expedite the Process of Encoding the Tulu Script, Ensuring its Rightful place in the Digital Era and Safeguarding its Heritage for Future Generations.

Kindly See that Tulu Script Unicoding is Completed at the Earliest.

Thank You Regards

Tulunada Rakshana Vedike(R.)



TULUNADA RAKSHANA VEDIKE (R.)



ಸಿ-38, ಅಲ್-ರಹಬಾ ಪ್ಲಾಜಾ, ನೆಲ್ಲಿಕಾಯಿ ರಸ್ತೆ, ಸ್ಟೇಟ್ ಬ್ಯಾಂಕ್ ಹತ್ತಿರ, ಮಂಗಳೂರು - 575 001

(Reg. No.: DKM/S142/2009-10) Web: www.tulunadarakshanavedike.com

ಮೊಬೈಲ್ : 9019387676, 8861365670 ಇ –ಮೇಲ್ : tulunadarakshanavedike@gmail.com

Ref.

Date: 11 02 2025

То

Unicode Consortium California

Subject: process of encoding Tulu script.

Dear sir /madam,

We are registered organisation having our Motto of uplifting and protecting tulu culture and language since 16 years we request you to consider this letter as a supportive letter in the process of encoding Tulu script to Dr Akash Raj Jain who has been along with his team working for encoding the script

We in association with many other similar organisations appreciate the work and we herewith conclude that whatever decision he takes would be for the benefit of Tulu culture and language

Kindly see that Tulu script unicoding is completed at the earliest.

Thank you

Your's faithfully

TULUNADA RAKSHANA VEDIKE(R)

ಕೇಂದ್ರೀಯ ಅಧ್ಯಕ್ಷರ ವಿಳಾಸ: ನೆತ್ತಿಲ ಕೋಟೆಕಾರ್, ಮಂಗಳೂರು - 575 022 Ph.: 0824-4283302



TULUWORLD FOUNDATION

CIN: U88900KA2024NPL184162, ISO 9001-2015, CSR No: 00073553
Section 8 Company Registerd Under by Ministry of Corporate affirs Govt of India
DARPAN/NTI AAYOG Govt of India KA2024/0403948, Department of consumer affairs, Govt. of India, BISCR4!
Ministry of Social Justice and Development Govt of India: NGO/KA/00036180
12A: URN/AAKCT7355AE20231, 80G: URN/AAKCT7355AF20241
Head Office: Sree Durgaparameshwari Temple Degree College, Kateel - 574148
Regd. office: 3-3-24, Prashanth Nagar, Derebail, MANGALORE-575006

Sree Sreeharinarayanadasa Asranna Shree Kshethra Kateel Honorary President

Sri. Sarvothama Shetty Abudhabi President

Prof. Purushothama Balyaya Dr. Rajesh Krishna A Basruru Badiadka General Secretary Founder & Director

Date: 10/02/2025

Sri Sanath Kumar Shetty

Dr. Harikrishna Punarooru

Smt. M. Janaki Brahmavara

Lion Divakara Shetty Sangli

Sri. Dharmapala U. Devadiga,

Dr. Madhava M.K.

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Sri. Shashi Rai Bandimar

Dr. Niranjan Rai

Smt. Thara Acharya

Sri. Pramod Sapre

Sri. Chandrahasa Devadiga

Abhishek Shetty

Prajwal Alva

Ref. No: TU/01

To,

Unicode Consortium California, USA

Sub: Process of Encoding Tulu Script

Dear Sir/Madam.

TuluWorld Foundation, a registered organization, has been actively working for the past 18 years to uplift and protect the Tulu culture, language, and script. Our efforts have been dedicated to reviving and promoting the Tulu Script, ensuring its recognition and preservation for future generations.

In this regard, we humbly submit this letter in strong support of Dr. Akash Raj Jain who, along with his dedicated team, has been relentlessly working towards the encoding of the Tulu script into Unicode. He has been leading this mission for several years, and we fully back his expertise and commitment. Having collaborated with him closely, we firmly believe that his leadership in this process will be in the best interest of Tuli culture and language.

We, along with other like-minded organizations, appreciate and endorse his contributions. We urge you to recognize his efforts and grant him the responsibility to ensure the successful completion of the Tulu script encoding at the earliest.

Thank you for your time and consideration. Warm regards,

@ Lyone

Prof. Purushothama Balyaya General Secretary TuluWorld Foundation



Dr. Rajesh Krishna Alva Founder & Director TuluWorld Foundation

Contact Details:

Phone : 0824-7969263 Mobile : 7337652369 e-mail : tuluworld@gmail.com

: infotuluworld@gmail.com

Website: www.tuluworld.com : www.tuluworld.org.in

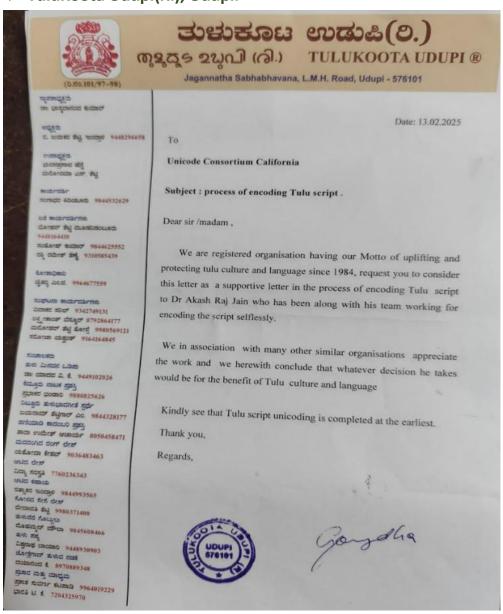
Account Details :-

Name : Tuluworld Foundation
Account No : 1701110110055773
IFSC : UJVN0001701 : UJVNUUUT701 : UJJIVAN S F BANK h : PUTTUR

Bank

Branch UPI id : UJJBB83981369991@Uiiiyar

TuluKoota Udupi(R.), Udupi.



❖ Thoulava Sangama, Bangalore.





(ತುಳು ಭಾಷೆ ಸಂಸ್ಕೃತಿಯ ಬೆಳವಣಿಗೆ)

ಬಿ-2-506, ಆರ್.ಎನ್.ಎಸ್. ಶಾಂತಿ ನಿವಾಸ, ತುಮಕೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 022

ರಾಜರಾಮಶೆಟ್ಟಿ ಉಪ್ಪಳ, ಅಧ್ಯಕ್ಷರು

ಪಿ ವಿಶ್ವಾನಾಥ ಶೆಟ್ಟಿ, ಕಾರ್ಯದರ್ಶಿ ಶಿವಾನಂದ ಸಾಲಿಯಾನ್, ಖಜಾಂಚಿ

9845266694, raajanne@hotmail.com

9066469871

9880466642

ಕಾರ್ಯಕಾರಿಣಿ ಸಮಿತಿ

ಶ್ರೀ ಸೀತಾರಾಮ ಶೆಟ್ಟ

ತ್ರೀ ಸದಾನಂದ ಸುಲಾಯ

ತ್ರೀ ಗೋಪಾಲ ಪಟ್ಟೆ

ಶ್ರೀಮತಿ ಡಾ॥ ಜಯಶ್ರೀ ಶೆಟ್ಟಿ

ಶ್ರೀಮತಿ ಜಸ್ವಿತ ಶೆಟ್ಟಿ

ಶ್ರೀ ಅಕ್ಷಯ್ ಶೆಟ್ಟಿ

ಶ್ರೀ ಪ್ರಜ್ವಿತ್ ಕುಮಾರ್ ಶೆಟ್ಟ

ತ್ರೀ ಅನುವೃತ್ ಶೆಟ್ಟಿ

ಶ್ರೀ ಸುದೀಪ್ ಶೆಟ್ಟಿ ಕುಮಾರಿ ದೀಪಿಕಾ ಶೆಟ್ಟಿ

ಶ್ರೀ ಸತ್ಯಾನಂದ ಮೇಲಂಟಾ

ಶ್ರೀ ಹರೀಶ್ ಶೆಟ್ಟಿ

The Unicode Consortium California

The United States of America

Dated 15 February 2025

Subject : Process of Encoding Tulu script ,a very old south Asian, south west coastal indian Proto Dravidian Language

Hello Sirs,

We are a registered Linguistic organization with our Motto of uplifting and protecting tulu culture and language since 2017.

We request you to consider this letter as a supportive letter in the process of encoding Tulu script to Dr Akash Raj Jain ,who has been , along with his team working for encoding the Tulu script for Long

We in association with several other similar Tulu organizations appreciate his work and we herewith conclude that whatever decision Dr Akash Raj Jain takes would be for the benefit of Tulu culture and language.

Kindly ensure that Tulu script uni coding work is completed & done at the

Thank you

Rajarama Shetty Uppala

---Thank You---