

# Bharati Script

One Nation. One Script.

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Just as **in Western Europe the Roman script is used to express all the major languages**, is it possible to create a common script for all Indian languages?

Bharati script is designed to be a common script that can express all the major Indian languages. In India, **most major languages are written their own unique scripts**, which poses barriers to communication in a multilingual society.

Here is a 1.5 min video on Bharati script.

<https://www.youtube.com/watch?v=li7WXK8JrJc>

Just as in a typical Indic writing system, the characters in Bharati script are created in a minimalist fashion to express their corresponding sounds.

- 1) Vowels
- 2) Consonants
- 3) Consonant-Vowel Combinations
- 4) Samyuktakshar (C\*V combinations)

The script is easy to learn. In our school activities, the kids are able to write their names on the black board after a mere 10-15 minutes of introduction.



Please see this video:

<https://www.youtube.com/watch?v=YHFHUAPrCWM>

## செலப்பத்திரக்

-விழுஞ்சீடல்

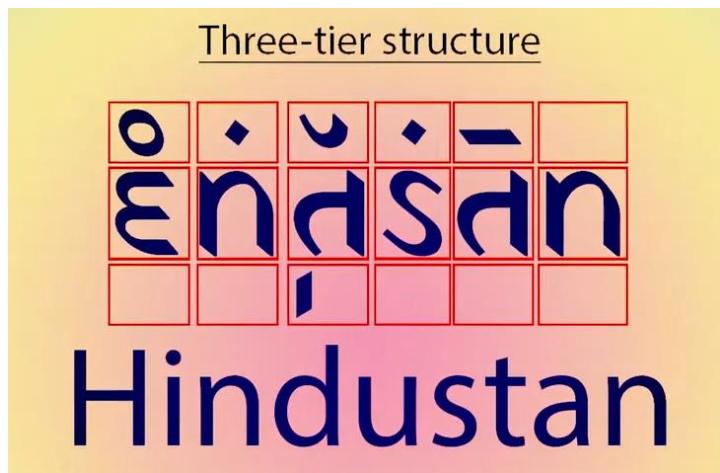
நாளை காஜங்கள்

வர்ணங் குதீ

ப்ரச்சிரீப் பிலீஉங் ப்ரச்சக்ரீப் பஞ்ஜீயங்  
விருந்தத்தமர்க் கழுகுப்பு பல்லுலூக் குதீப்பு  
பாலர் விரைவீப் பியாதீன் காநீ  
நாலர்ப்பதி வஞ்சித்த வாலத்திலு நாஞ்சீலக்  
ஷக்த்தலீ பகுப்பு வேக்தங்கு சேலூக்கு 5  
விளக்குங் கால் வர்த்தி மேல்பு  
க்குத்தங்கு கிடைக் குத்துக்கு காங்கள்

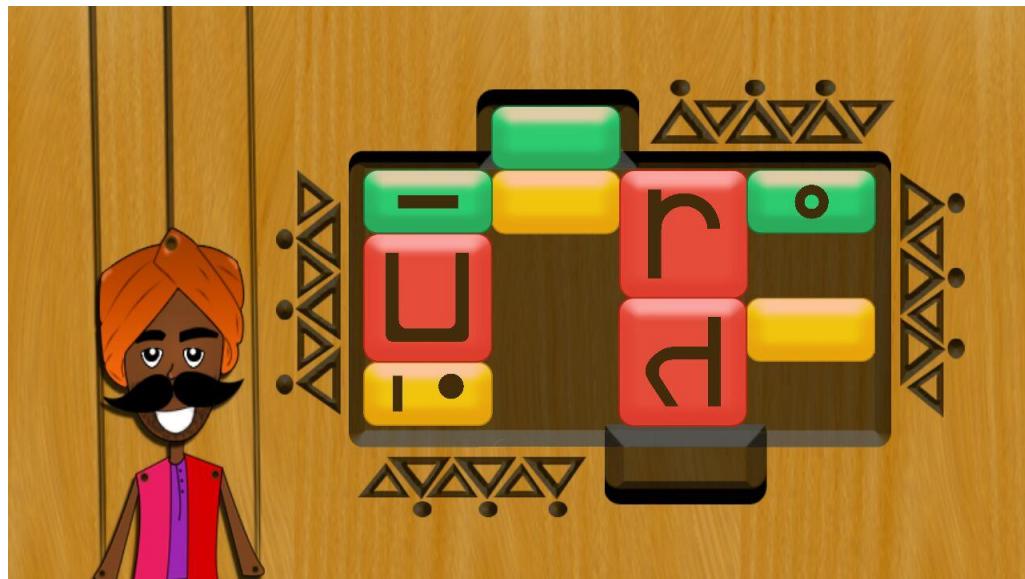
This is a passage from Tamil classic Silappadikaaram, typed in Sundara Bharati, a recently developed Bharati fonts.

All the characters can be expressed in a strictly **modular, 3-tier structure**....



This modularity offers immense possibilities for game development.

- 1) Board games
- 2) Mobile games (e.g. Bharati Jumble Tumble available on google play store)



Bharati Jumble Tumble mobile game

By virtue of its simplicity, Bharati script is ideal for technology development:

- 1) Optical Character Recognition (Even at 10-20% noise, Bharati OCR system gives close to 100% accuracy)
- 2) Handwritten Character Recognition. (realized as an app called Bharati Handwriting Keyboard)

- 3) Bharati Transliterator (a tool based on Google lens that enables the user to read Indian language signs in Bharati script)



### Bharati script...

- can help the **next generation of Indians** to easily read in Indian languages
- It is an ideal script for languages like **Konkani or Tulu** that don't have their own script
- It can serve as a writing system for the innumerable tribal languages of India, **and languages of the NorthEast**
- It can act as a link script for **migrant Indians** who move out of their native state for work
- It can connect the millions of **NRI children back to Indian literature**
- It can lead to a new system of **Braille for Indian languages** and even a **fingerspelling system** for the hearing impaired
- It can shorten the duration **of adult literacy programs** from 6 months to a few weeks

Bharati can change how India writes and reads.

**Bharati needs your support!**

For more information visit:

[www.bharatiscript.com](http://www.bharatiscript.com)

