#  BHARATHI FONT 

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BHARATHI is not a language. It is just a phonetic common script for transliteration of any language! 'BHARATHI' was invented in 1994 by TK Ramchand, when there was a call from the upper echelons, for a common script, for all the Indian languages. It was presented to the then government of India. But, for reasons unknown, the idea vanished. Finding no way to get popularised, till 2020 it was lying in a dormant state, awaiting a death imminent. Everybody who came to know of the script praised the peculiarities of the script. Under these circumstances Ramchand was searching for a way to save the script from a possible demise. In 2020 he succeeded in creating a Font for the script. It is a Font, free for all, downloadable from the site:
bharathibyramchand.wordpress.com
Literature about the script is also available for downloading from the same site.
Quick reference guides for enabling typing in BHARATHI script are also there for downloading. Four videos on BHARATHI script are also available on YOUTUBE and some other channels. Now it has recovered from the disease of "no publicity"! Any language anywhere in the world having no script of its own, are free to adopt BHARATHI as their script! It is felt that it is the duty of all human beings, to preserve the script which has a lot of progressive beneficial features which no other language in the world possess.

It may be easy to cremate, but it is too difficult to create!
BHARATHI script is written from left to right. It does not have any case distinction. Vowel letters are compounded using vowel signs.

Po This is the BODY of all vowels. No sound is assigned to it. So this may be considered as a symbol.

## 

 when attached to the body make them the concerned vowels like these.
## 

## 

The same tails when attached to the consonants becomes diacritics that give the particular vowel effect to them.

There are no separate symbols for numerals in BHARATHI. These selected
tails when they stand alone，without vowel BODY or consonants，they turn into numerals．

## 

There are no separate compound letters in BHARATHI．All compound letters are formed．
If any language requires more vowel characters or consonant characters to accommodate their spoken sounds，provision is there to create new characters just by adding diacritics to them．

For creating new vowels these diacritics $\boldsymbol{\nmid 7 む た ね \| \text { may be added to the }}$ body of the vowels．If necessary，combination of diacritics is also possible．

For creating new consonants，this diacritic $\boldsymbol{\not}$ can be added to the 35 consonants left out．Already five CHILLU letters are made like this．

If still more consonant letters are necessary this diacritic $\boldsymbol{t}_{\boldsymbol{t}}$ can be added to all the 40 consonants．There are provisions for creating even more new consonants if necessary．So a letter is there handy，to represent any spoken sound of any language．Since the new letters are all formed with already UNICODE encoded symbols and consonants，no more new encoding will become necessary．

Learning one letter paves the way for writing two to four other letters of the same group．Just turning the first consonant upside down，gives the next one， turning that one left to right gives the next one，again turning it upside down gives the next of the same group！

No marks，dot or streak are to be made above，below，left or right of any letter of the alphabet．

No letter has any portion projecting upwards or downwards，no difference in heights of the letters，all letters are of the same height．

A peculiar kind of contour is given to all the alphabets，notations and numerals，enabling the writing of the letters of a word continuously，without any break．There is no need to write each letter separately．

Diacritics are to be placed only on the right side of the letter．
As the selected diacritics themselves turn into numerals，there is no botheration of learning it separately．

A special guide to easily type any language in BHARATHI script is prepared and published for the benefit of those interested internationally．

No Monophthongs
Only symbols for making vowels are independent

| Vowels are made | Short |  |  | Long |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TAIL <br> $\rho$ | Vowels not inde－ pendent． They are formed． | Indep－ endent vowel sign | Depend－ <br> ent <br> Example | Vowels not inde－ pendent． They are formed． | Indep－ endent $\underset{\text { sign }}{\text { vowel }}$ | Depend－ ent Example |
| A | $\mathrm{Po}_{A}$ | $\bigcirc$ | $\boldsymbol{f r}_{\text {PA }}$ | $\mathrm{P}^{\text {PA }}$ | of | $\operatorname{lff}_{\text {PAA }}$ |
| 1 | คо才 | 0 | $\mathrm{Pod}_{\mathrm{PI}}$ | Pof． | 8 | Pff PII |
| U | Pهotu | $\frac{1}{8}$ | p\％ti | ค\％u | 月 | $\mathrm{ffl}_{\text {PuU }}$ |
| $\underset{\mathbf{R}}{\text { vocolic }}$ | ค我 | あ | $\rho ⿴ 囗 ⿱ 一 一 力 八_{\text {PR }}$ | $\beta^{\circ} \mathcal{F}_{R R}$ | ¢ | $\ell^{\rho} P_{\text {PRR }}$ |
| $\underset{L}{\text { vOcALIC }}$ | ค\％ | 9 | $\log ^{\text {PL }}$ | POt | $t$ | $\mathrm{Pf}_{\text {PLL }}$ |
| E | $\rho \circ\}_{E}$ | 5 | Pot ${ }_{\text {PE }}$ | Pot ${ }_{\text {EE }}$ | $\frac{1}{5}$ | $\mathrm{P}^{1} \mathrm{f}_{\text {PEE }}$ |
| 0 | P\％\％ | 7 | fetpo | ค우oo | 루 | ¢f（P00 |


| Diphthongs |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Not Independent but formed | Vowel sign <br> Independent | Dependent <br> Example |
| AI | $\mathrm{PO}_{3}^{1}$ | $\frac{1}{3}$ | $\rho_{3}^{1}$ |
| AU | $P 7_{\mathrm{AU}}$ | $7$ | $\ln ^{3} \text { PAU }$ |



When writing BHARATHI, the symbol for the first vowel $\left(^{( }\right)$need be used only when that letter stands alone. When it is followed by another letter in a word, it can be avoided as it would then automatically emerge.

Consonents have the first letter ' $A$ ' already attached to it

| Varga consonants |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Voiceless |  | Voiced |  |  |
|  | Unaspirated | Aspirated | Unaspirated | Aspirated | Nasal |
| Velar | $0)_{K A}$ | KHA | $\overbrace{\mathrm{GA}}$ | $v_{\mathrm{GHA}}$ | f NGA |
| Postalveolar or Alveolopalatal | 96 | $\theta^{n} \mathrm{CHA}$ | $0_{\mathrm{JA}}$ | $\sqrt{0}_{\mathrm{JHA}}$ | ? NYA |
| Retroflex | $\boldsymbol{\theta}_{\text {TTA }}$ | $\boldsymbol{\delta}_{\mathrm{TTHA}}$ | $\delta_{\mathrm{BDA}}$ | $\boldsymbol{V}^{2}$ DDHA | $f_{\text {NNA }}$ |
| Dental | $\mathcal{F}_{\mathrm{TA}}$ | $\delta_{\text {THA }}$ | $\underbrace{}_{\text {DA }}$ | $8^{2} \text { DHA }$ | $26_{N A}$ |
| Labial | $\ell_{P A}$ | $\delta \frac{1}{P H A}$ | $\delta_{B A}$ | $\vartheta_{B H A}$ | $\delta_{\mathrm{MA}}$ |

Other consonants

| $g_{\text {VA }}$ | $\left.{ }^{8}\right\}_{R A}$ | 6 LA | $\theta_{\text {va }}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| $\bullet_{\text {SHA }}$ | $80_{\text {SSA }}$ | $\boldsymbol{p}_{\text {SA }}$ | $\underbrace{\text { HA }}$ |  |
| 60 LLA | $00_{\text {LlLa }}$ | $B_{\text {RRA }}$ | $8_{\text {nNNA }}$ | $\%^{\text {gTTTA }}$ |
| $\boldsymbol{\sim}^{\text {FA }}$ | Obza | $\psi_{\text {huum }}$ | faung | $U_{\text {and }}$ ？（used as <br> diacaricsdiaeritius <br> too |

Chillu letters

| Letter | Unicode name | Base |
| :---: | :---: | :---: |
| St | CHILLU NN | $\text { NNA } f$ |
| －6\％ | CHILLU N | nnna 9 |
| Bot | CHILLU RR | $\text { RRA } 39$ |
| 60\％ | CHILLU L | $\angle A 60$ |
| 60t | CHILLU LL | $\operatorname{LLA} 00$ |

CHILLU letters are not independent．They are formed from the consonant letters that do have spoken sound similarity，using the diacritic $\boldsymbol{む}$ meant for that purpose．

## Adding vowels to consonants

Already，the consonants are having the first vowel＇$A$＇attached to it．From，＇$A A^{\prime}$ onwards，to get the consonants having the other vowels attached to it，we have to add the same symbols with which we made the vowels，by adding them to the Body of vowels．When we add the symbol，the consonant will fist shed its＇$A$＇vowel－effect and then accept the new role as shown here．

| KA | KAA | KI | KII | KU | KUU | KR | KE | KRR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \％ | Qff | 2رd | 288 | 2\％ | 2月 | 2才 | 25 | 2＊ |
| KEE | KAI | KO | KOO | KOU | KAM | KH | KL | KLL |
| 2 L | 2） 3 | 27 | 2）ㅜ | 2,7 | $2 \theta$ | Q\％ | 27 | 2）t |

Similarly all other consonants too may be transformed．

## Making compound letters

There are no compound letters in BHARATHI！All compound letters are formed． It was earlier mentioned that the consonants have the first vowel（A）already added to it．To get a compound letter，first we have to shed the vowel－effect of the first letter， by adding thisf compound letter formation symbol．For example，when thisf symbol is added to the letter $\boldsymbol{Q}_{\text {（KA）}}$ ，it sheds its vowel effect（A）and becomes $\boldsymbol{Q}^{\circ}$（K：）．Now，for
example，let us add $\mathcal{F}$（TA）as the next letter，it becomes the compound letter
$\boldsymbol{\sigma}^{\boldsymbol{\gamma}} \boldsymbol{8}($（K：TA）．Similarly any compound letter can be formed．

## Doubling a consonant letter

For doubling a letter we need not do as we make compound letters．Just by adding the symbol $\mathcal{F}_{\text {for doubling，we get it easily！For example to double the letter }}$ $\mathcal{R}^{\mathcal{Q}}$（NYA），the doubling effect can be obtained by just adding this $\boldsymbol{\eta}_{\text {symbol to it．Then it }}$ becomes the double letter ${ }^{\circ}{ }^{\circ}{ }^{\prime}($ NYNYA $)$ ．
［By the way，remember，that letters of words ending with vowel－less sound，also may be made like this $\boldsymbol{\int}$ ） 7 （BOOK）．It was mentioned before the beginning of consonants，that the consonants are already having the first vowel（A）attached it．This is $\Omega_{(B A)}$ ，when thist symbol is added to it，it becomes $\boldsymbol{\delta} \boldsymbol{\delta}_{(B U)}$ ．This is $\boldsymbol{\Omega}(K A)$ ．When this 7 symbol is added to it，it becomes $\boldsymbol{D}^{7}$（KKA）．When they are added they become תנ\＆ $\boldsymbol{\sim}$（BUKKA）．But the end letter should not have vowel effect．So to shed the vowel effect add this $\boldsymbol{f}$ symbol to it and make it $\boldsymbol{\Omega}$

## Numerals

These selected diacritics turn numerals when they themselves stand alone


The numerals on the keyboard give numerals in BHARATHI too．Numerals remain numerals as long as they themselves standalone，but when they in combination stand with body of vowels，and consonants，they give the corresponding letters．No

Dates can be written like this
抹 I P I I dfot
15．08． 1947

851Pさ1ねれd
26．01． 1950
15．09．1931

Numbers can be written like this：

1，380，004，385

## Punctuation marks

## 1•9;:-

The peculiarity of these punctuation marks are that they appear at a level at the middle of the height of the letters rather than the bottom level. The other punctuation marks appear as usual in many other languages.

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How these two punctuation marks appear can be seen in the just above numerals section.
 situation demands in each language.

f
This symbol is used to make compound consonant letters as previously explained. It is used to silence vowel sounds. It can be used to create new vowel, by adding it to the BODY of vowels.

7
This symbol is used to double a consonant letter as previously shown. It can be used to create a new vowel letter, by adding it to the BODY of vowels.
$\boldsymbol{\downarrow}$ This symbol is used in creating new consonant letters as previously shown. This can be used to create a new vowel too, by adding it to the BODY of vowels.


This symbol can be used to create more consonant letters by adding to the selected consonant letters, if the language requires. It can also be used to create a new vowel letter if necessary, by adding it to the BODY of the vowels.
\| This can be used to create consonant letters. It can be used to create a vowel sound by adding it the BODY of vowels. It can even stand alone as a consonant if it is not already used as a diacritic in the language.
\& This can be used to create consonant letters. It can be used to create a vowel sound by adding it the BODY of vowels. It can even stand alone as a consonant if it is not already used as a diacritic in the language.
$\mathfrak{t} \| \in$ These diacritics may be entrusted with any new duty too if necessary.

## Jest a look at how BHARATHI appears in a document The

 written-whole is having a coherent effect. They really present a visual treat in pleasing the eyes. They do not appear as a group of harmony-less elements of diversity strange, haphazardly distributed in space!＇BHARATHI＇was invented in 1994 by
TK Ramchand，when there was a call
from the upper echelons，for a common script，for all Indian languages．

Transliteration of the above English sentence is given below in BHARATHI script．

##  sof ats r\}poratitit elfot iffect epprit pot ofoot  

JANA GANA MANA．．．．．NATIONAL ANTHEM IN COMMON SCRIPT
＂BHARATHI 1994＂INVENTED BY RAMCHAND

##  <br> जpşa Uprofs elspaf， <br>  <br>  <br>  <br>  <br>  <br>  <br> Gfdst Relas cfof， <br>  <br>  <br> そefbt Refobs <br> R尺

Guide to write BHARATHI letters
BHARATHI letters are written from left to right．The arrow marks inside the letters will guide how to write the letters．


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 BHARATHI FONTBHARATHI Font for Windows and Mac can be got from:
ramchandtk@gmail.com
BHARATHI Font for Windows can be downloaded from: bharathibyramchand.wordpress.com


## BHARATHI

ค
CHARACTERS









₹ $\$ \quad \div+=-\times \%$

# BHARATHI TYPING GUIDE INTERNATIONAL! 

BHARATHI IS A SCRIPT WITH<br>WHICH ANY WORLD LANGUAGE CAN BE WRITTEN ACCORDING TO THE SOUND, THE SPOKEN VOICE PRODUCE!

## Download Font, Free From The Site: <br> bharathibyramchand.wordpress.com

Learn BHARATHI 1994 as a hobby!
For getting letter in BHARATHI script, representing a voice like that: as ' $a$ ' in ' $a t$ ', type lower case ' $a$ ' and ' $s$ ' on the keyboard. as ' $a$ ' in 'art', type lower case ' $a$ ' and ' $\mathbf{0}$ ' the numeral on the keyboard. as ' i ' in ' it ', type lower case ' $a$ ' and ' $\mathbf{1}$ ' the numeral on the keyboard. as 'ou' in 'out', type lower case 'a' and ' $=$ ' symbol on the keyboard. as 'um' in 'umbrella', type lower case ' $a$ ' and ' $d$ ' on the keyboard.
(In the chart below, UNICODE name is given in green colour)

| Character | key to be PRESSED ON keyboard | Details about the vocal voice sound, the letter represents | Character | KEY TO be PRESSED ON keyboard | Details about the vocal voice sound, the letter represents |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | d | SILENT. NO SOUND ASSIGNED TO IT | $\rho$ | a | SILENT. NO SOUND ASSIGNED TO IT |
| 8 | aS | (A) as 'a' in ' $\mathrm{at}^{\prime}$ ' | $80^{2}$ | 20 | (AA) as 'a' in 'art' |
| P\% | $a 1$ | (I) as 'i' in 'it' | 90 | $\mathrm{a} 2$ | (II) as 'ea' in 'eat' |
| PO8 | a3 | (U) as 'o' in 'tơ' | $p \%$ | $24$ | (UU) as '00' in 'too' |
| -6 | $25$ | (R) (Vocolic R) as 'ero' in 'zero' | 807 | $2 X$ | (RR) (Vocolic RR)as 'eroo' |
| $0^{\circ}$ | $a P$ | (L) (Vocalic L) as ' ilo' in 'kilo' | P\% | $a Z$ | (LL) (Vocalic LL) as 'iloo' |
| 005 | a6 | $(E)$ as 'e' in 'enter' | $9 \%$ | 27 | (EE) as 'a' in 'agent' |
| $8 ?$ | $29$ | (O) as 'o' in 'onmit' | $82$ | 2- | (00) as 'o' in 'order' |
| $8 \frac{1}{3}$ | a8 | (AI) as 'i' in 'idea' | $89$ | $a=$ | (AU) as 'ou' in 'out' |
| $\rho \theta$ | $\mathrm{ad}$ | (AM) as 'um' in 'umbrella' | $\because$ | $a f$ | (AH) as 'u'as in 'utter' |

For getting letter in BHARATHI script, representing a voice like that:
as ' $c$ ' in ' $\underline{u p}$ ', type lower case ' $g$ ', on the keyboard.
as (kha), the same थKA ASPIRATED as in 'MUKHAM' the Sanskrit word for 'Face', type lower case ' $h$ ' on the keyboard.
as 'bu' in 'but', type UPPER CASE ' $A$ ', on the keyboard.
Consonants have the first vowel ' $a$ ' already added to it!

| Character | KEY to be PRESSED ON keyboard | Details about the vocal voice sound, the letter represents |
| :---: | :---: | :---: |
| 0 | $g$ | (KA) as 'c' in 'cup' (Gutteral) |
| $\cdots$ | h |  the Sanskrit word for 'Face' (Gutteral) |
| $\theta$ | J | (GA) as 'ga' in 'mega' (Gutteral) |
| 8 | k | (GHA) as the same ${ }^{\boldsymbol{\sigma}}$ (GA) ASPIRATED, as in 'MEGHAM' the Sanskrit word for cloud' (Gutteral) |
| 8 | 1 | (NGA) as 'ng' in 'song'(softened without stress) (Gutteral) |
| 9 | 9 | (CA) as 'cha' in 'challenge' (Palatal) |
| 8 | W | (CHA) as the same $\overbrace{\text { (CA) ASPIRATED (Palatal) }}$ |
| 16 | e | (JA) as 'j' in 'jungle' (Palatal) |
| $\sqrt{2}$ | $r$ | (JHA) as the same ${ }^{\text {(JA) ASPIRATED (Palatal) }}$ |
| \% | $t$ | (NGA) (Palatal) |
| 0 | $y$ | (TTA) as 't' in 'town'(Cerebral) |
| 8 | U | (TTHA) as the same $\ell^{( }$(TTA) ASPIRATED (Cerebral) |
| 8 | i | (DDA) as 'd' in 'dull' (Cerebral) |
| $V^{2}$ | 0 | (DDHA) as the same ${ }^{\circ}$ (DDA) ASPIRATED (Cerebral) |


| 0 | $p$ | (NNA) as ' $n$ n' in 'connect' (Cerebral) |
| :---: | :---: | :---: |
| 8 | Z | (TA) as 'thu' in 'thumb' (Dental) |
| 3 | X | (THA) as the same $\mathcal{\mathcal { F }}$ (TA) ASPIRATED (Dental) |
| 8 | C | (DA) as 'th' in 'that' (Dental) |
| 8 | V | (DHA) as the same (DA) ASPIRATED (Dental) |
| 20 | b | (NA) as 'na' in 'nadi' the Sanskrit word for RIVER (Dental) |
| $p$ | n | (PA) as 'pu' in 'punch' (Labial) |
| 8 | m | (PHA) as the same P(PA) ASPIRATED (Labial) |
| of | A | (BA) as 'bu' in 'but' (Labial) |
| 26 | S | (BHA) as 'BHA' in the name of the book 'BHAGAVATH GEETHA' in Sanskrit (Labial), as the same (BA) ASPIRATED |
| 4 | D | (MA) as 'mu' in 'mud' (Labial) |
| 8 | F | (YA) as 'ye' in 'yet' (Semi-Vowel) |
| of | G | (RA) as 'ra' in 'parapet' (Semi-Vowel) |
| 68 | H | (LA) as 'la' in 'palanquin' (Semi-Vowel) |
| eb | J | (VA) as 'wo' in 'wonder' (Semi-Vowel) |
| 0 | K | (SHA) as 'SA' in the name 'SAKUNTALA' in Sanskrit. (Silibant) |
| 68 | L | (SSA) as 'shu' in 'shut': (Silibant) |
| 82 | Q | (SA) as 'su' in 'supper' (Silibant) |
| ds | W | (HA) as 'hu' in 'hut' (Aspirate) |
| 08 | E | (LLA) as 'Ila' in 'collar' |


| 09 | R | (LLLA) as 'zha' in Pu'zha', Malayalam for RIVER (Pronounce with rolled up tongue.) |
| :---: | :---: | :---: |
| $B$ | T | (RRA) as 'RA' in ARABI or 'ru' in 'ru' n |
| 88 | Y | (NNNA) as 'nu' in 'nut': (True Dental) |
| 50 | U | (TTTA) as 'Ta' as in 'Ta-ta' |
| 88 | I | (FA) as 'f' as in 'fun' |
| 06 | 0 | (ZA) as 'z' as in 'zooo' |
| $\psi$ | N | as 'huum' (Only for languages havig that sound) Otherwise behaves like a special diacritic. |
| A | M | as 'aung' (Only for languages havig that sound) Otherwise behaves like a special diacritic. |
| Ot | p[ | CHILLU (NN) (Formed letter) as 'n' in 'fun'. Bace ${ }^{\text {d }}$ (NNA) |
| 万0t | H[ | CHILLU (L) (Formed letter) as 'ill' in 'ill'. Bace-8(LA) |
| Bot | T[ | CHILLU (RR) (Formed letter) as 'r' in 'cař'. Bace $\mathcal{O}_{(\text {(RRA }}$ |
| eft | Y[ | $\text { CHILLU (N) (Formed letter) as 'in' in 'in'. Bace } \boldsymbol{S}^{\mathcal{S}} \text { (NNNA) }$ |
| 60t | E[ | CHILLU (LL) (Formed letter) as 'Il' in 'full'. Bace 00 (LLA) |

Videos on BHARATHI script can be had from:
https://youtu.be/W7Aa2AOAdO8 https://youtu.be/Av70UApvCaw https://youtu.be/JJO_ifNlxys https://youtu.be/LRAz4FkIG9Q Literature on BHARATHI script can be downloaded from: https://archive.org/details/@thinker_enlighten https://pothi.com/pothi/\#

## Project Gutenberg Self-Publishing Press

Fonts can be downloaded free from:
bharathibyramchand.wordpress.com
Font for Windows and Mac can be got free from: ramchandtk@gmail.com by email.

## BHARATHI INTERNATIONAL SCRIPT TYPING GUIDE

For getting letter in BHARATHI script，representing a voice like that： as＇a＇in＇at＇，type lower case＇$a$＇and＇$s$＇on the keyboard．
as＇$a$＇in＇art＇，type lower case＇ $\mathbf{a}$＇and＇ $\mathbf{0}$＇the numeral on the keyboard． as＇$i$＇in＇it＇，type lower case＇ $\mathbf{a}$＇and＇ $\mathbf{1}$＇the numeral on the keyboard as＇ou＇in＇out＇，type lower case＇$a$＇and＇$=$＇symbol on the keyboard． as＇um＇in＇umbrella＇，type lower case＇$a$＇and＇$d$＇on the keyboard． For getting letter in BHARATHI script，representing a voice like that： as＇ $\mathbf{c}$＇in＇$\underline{\text { ch}}$＇，type lower case＇ $\mathbf{g}$＇，on the keyboard．
as（kha），the same＇g＇ASPIRATED as in＇MUKHAM＇the Sanskrit word for＇Face＇， type lower case＇$h$＇on the keyboard．
as＇bu＇in＇but＇，type UPPER CASE＇ $\mathbf{A}$＇，on the keyboard．
Consonants have the first vowel＇a＇already added to it！

| SYMBOL ON KEYBOARD B | SYMBOL GOT IN BHARATHI $t$ | SYMBOL ON KEYBOARD $?$ | SYMBOL GOT IN BHARATHI ？ | SYMBOL ON KEYBOARD |  |  | SYMBOL GOT IN BHARATHI ₹ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 7 | $!$ | ！ |  | 1 | \＄ | \＄ |
| ／ | 7 | 1 | $($ | $\wedge$ | － | ＋ | ＋ |
| 1 | t | ） | ） | ； | ； | v | － |
| \％ | \％ | c | $=$ | ＜ | ＊ | 1 | SMALL SPACE |
| 1 | － | ，COMMA | ，COMmA | ＞ | ， | ＊ | $x$ |


| Char－ acter |  | Details about the vocal voice sound， the letter represents | $\begin{aligned} & \text { Char- } \\ & \text { acter } \end{aligned}$ | $\begin{gathered} \text { ker To 日e } \\ \substack{\text { PRessen } \\ \text { Kevoono }} \end{gathered}$ | Details about the vocal voice sound， the letter represents |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\beta$ | a | SILENT．NO SOUND ASSIGNED TO IT | $\rho$ | a | SILENT．NO SOUND ASSIGNED TO IT |
| ค00 | as | （A）as＇a＇in＇ $\mathrm{a}^{\prime}$＇ | ค\％ | a0 | （AA）as＇a＇in＇arr＇ |
| ค0¢ | a1 | （I）as＇T＇in＇it＇ | ค\％ | a2 | （II）as＇ea＇in＇eat＇ |
| 『－¢ை | a3 | （U）as＇o＇in＇tow＇ | $\bigcirc$ | a4 | （UU）as＇oo＇in＇too＇ |
| ๑¢ | a5 | （ $R$ ）（Vocolic $R$ ）as ＇ero＇in＇zero＇ | ค平 | aX | （RR）（Vocolic RR）as ＇eroo＇ |
| $\bigcirc 9$ | aP | （L）（Vocalic L）as ＇ilo＇in＇kilo＇ | م\％ | aZ | $\begin{aligned} & \text { (LL) (Vocalic LL) as } \\ & \text { 'illoo' } \end{aligned}$ |
| P\％ | a6 | （E）as＇e＇in＇enter＇ | ค－1 | a7 | （EE）as＇a＇in＇agent＇ |
| 07 | a9 | （0）as＇o＇in＇omit＇ | $\bigcirc$ ค早 | a－ | （00）as＇o＇in＇order＇ |
| ค） | a8 | （Al）as TT＇in＇idea＇ | ค） | $\mathrm{a}=$ | （AU）as＇ou＇in＇out＇ |
| $\boldsymbol{\beta} \boldsymbol{\sim}$ | ad | （AM）as＇um＇in ＇umbrella＇ | $\bigcirc$ | af | （AH）as＇u＇as in ＇utter＇ |


| Char－ acter |  | Details about the vocal voice sound， the letter represents |
| :---: | :---: | :---: |
| 2 | g | （KA）as＇c＇in＇cup＇（Gutteral） |
| か） | h | （KHA）as the same $\boldsymbol{D}_{(K A)}$ ASPIRATED as in＇MUKHAM＇ the Sanskrit word for＇Face＇（Gutteral） |
| 6 | j | （GA）as＇ga＇in＇mega＇（Gutteral） |
| 6 | k | （GHA）as the same $\mathcal{C}_{(G A) \text { ASPIRATED，as in＇MEGHAM＇}}$ the Sanskrit word for cloud＇（Gutteral） |
| 8 | ｜ | （NGA）as＇ ng ＇in＇song＇（softened without stress）（Gutteral） |
| 2 | q | （CA）as＇cha＇in＇challenge＇（Palatal） |
| 8 | W | （CHA）as the same ${ }^{2}$（CA）ASPIRATED（Palatal） |
| ${ }^{\circ}$ | e | （JA）as＇j＇in＇iungle＇（Palatal） |
| $v^{2}$ | $r$ | （JHA）as the same ${ }^{\text {d }}$（JA）ASPIRATED（Palatal） |
| \＆ | t | （NGA）（Palatal） |
| 8 | y | （TTA）as＇t＇in＇town＇（Cerebral） |
| $\delta^{8}$ | U | （TTHA）as the same ${ }^{\text {Q }}$（TTA）ASPIRATED（Cerebral） |
| ＇ | i | （DDA）as＇d＇in＇dull＇（Cerebral） |
| $\checkmark^{2}$ | 0 | （DDHA）as the same ${ }^{\text {（DDA）ASPIRATED（ }}$（erebral） |
| 1 | $p$ | （NNA）as＇nn＇in＇connect＇（Cerebral） |
| 8 | Z | （TA）as＇thu＇in＇thumb＇（Dental） |
| 8 | X | （THA）as the same $\mathbf{\gamma}^{(\text {（TA）ASPIRATED（ }}$（ Dental） |


| \＆ | C | （DA）as＇th＇in＇that＇（Dental） |
| :---: | :---: | :---: |
| 8 | V | （DHA）as the same U（DA）ASPIRATED（Dental）$^{\text {a }}$ |
| 2 | b | （NA）as＇na＇in＇nِadi＇the Sanskrit word for RIVER（Dental） |
| 8 | n | （PA）as＇pu＇in＇punch＇（Labial） |
| 0 | m | （PHA）as the same $\mathbb{f}$（PA）ASPIRATED（Labial） |
| $\delta$ | A | （BA）as＇bu＇in＇but＇（Labial） |
| 勺 | S | （BHA）as＇BHA＇in the name of the book＇BHAGAVATH GEETHA＇ in Sanskrit（Labial），as the same（BA）ASPIRATED |
| $\vartheta$ | D | （MA）as＇mu＇in＇mud＇（Labial） |
| 8 | F | （YA）as＇ye＇in＇yet＇（Semi－Vowel） |
| 8 | G | （RA）as＇ra＇in＇parapet＇（Semi－Vowel） |
| 6 | H | （LA）as＇la＇in＇palanquin＇（Semi－Vowel） |
| 0 | J | （VA）as＇wo＇in＇wonder＇（Semi－Vowel） |
| $b$ | K | （SHA）as＇SA＇in the name＇SAKUNTALA＇ in Sanskrit．（Silibant） |
| 6 | L | （SSA）as＇shu＇in＇shut＇：（Silibant） |
| $p$ | Q | （SA）as＇su＇in＇supper＇（Silibant） |
| $山$ | W | （HA）as＇hu＇in＇hut＇（Aspirate） |
| 60 | E | （LLA）as＇Ila＇in＇collar＇ |
| 06 | R | （LLLA）as＇zha＇in Pu＇zha＇，Malayalam for RIVER （Pronounce with rolled up tongue．） |
| $B$ | T | （RRA）as＇RA＇in ARABI or＇ru＇in＇ru＇n |


| 8 | $Y$ | （NNNA）as＇nu＇in＇nut＇：（True Dental） | 185 | p［ | CHILUU（NIN）（Farmed letter）as＇r＇in＇fun＇．Bacel（NNA） |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | U | （TTA）as＇Ta＇as in＇Ta－tia＇ | 6 | $\mathrm{H}[$ | CHILU（L）／Formedletter）as＇ill＇in＇ill＇．Aatees（LA） |
| 08 | I | （FA）as＇T as in＇luu＇ | B91 | T［ | CHILU（RR）（Formed letter）as＇r＇in＇car＇．Bacee（RRA） |
| 06 | 0 | （ZA）as＇z＇as in＇zaod＇ | eft | Y［ | CHILLU（N）（Formed lenter）as＇in＇in＂in＇．Baceo（NNiNA） |
| $\forall$ | N | as huurn＇（Only for larguages havig that sound） Otherwise behaves like aspecial diacritic． | 60t | E［ | CHILU＇（L）（Formed letter）as＇TV in＇full＇．Bacen（LA） |
| \＆ | M | as＇aung＇（Only for languages havig that sound） Otherwise behaves like a special diacritic． |  |  | bharathibyramchand．wordpress．com DOWNLOAD FONT |

## KEYBOARD AND ITS RELATION TO BHARATHI SCRIPT

Learning typing BHARATHI script is very easy! Unlike other scripts BHARATHI script follows the continuity of the letters on the keyboard. Anyone who learnt typing, attending an institute or with the help of a self-instructor book, know a s d fgh.......is the continuity adopted. BHARATHI follows the same continuity as far as possible.
' $a$ ' gives the BODY $\boldsymbol{\$ 0}$ of all Vowels. To make it the first Vowel A, press the key's' that immediately follows, making it 'as' $\mathbf{P}$ '. To get the next letter AA type ' $a$ ' and zero 'a0' $\boldsymbol{P O}$. This continuity process continues for all the selected digits. Then slight changes. See $-=\operatorname{df} P Z X$. With ' $f$ ' $\div$ the Vowels finished, the Consonants start at ' g ' that gives the first Consonant latter KA © With 1 ' 8 the first group finishes the alphabets on that row. So, starts the next consonant letter CA at 'q' 4 and continues till it reaches ' $p$ ' 8 with which the alphabets on that row ends. Therefore, the next Consonant letter TA starts at ' $z$ ' $\mathcal{F}$ and continues till 'm' PHA $\boldsymbol{\sigma}$ and stops as all the alphabets on that row, without shifting the key finishes. So we go to the shifted keyboard.
$B A$ starts at ' $A$ ' $\delta$ and continues till ' $L$ ' $\boldsymbol{\delta}$. Then starts at ' $Q^{\prime} \boldsymbol{\theta}$. and continues the row till it reaches 'O' Vf when the consonants end. The green letters show UNICIDE names.
Without shift, the digits on the keyboard give digits in BHARATHI too.
For key particulars of punctuation marks and other symbols see the chart for that. Many give the same in BHARATHI also. The system fallowed is DEVANAGARI phonetic system.
Once the trick ferreted out, the learner turns mistress or master of BHARATHI script!

BHARATHI KEYBOARD WITHOUT SHIFT


BHARATHI KEYBOARD WITH SHIFT


