



தமிழ்நாடு அரசு விசைப்பலகை

(Tamil nadu Government Keyboard Interface)

தமிழ் இணையக் கல்விக்கழகத்தின்
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Developed through Tamil Virtual Academy
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The Government of Tamil nadu has announced Tamil 16-bit encoding (Unicode and TACE16) as standard vide Information Technology (B-1) Department G.O.(Ms) No.29 dated 23.6.2010.

As decided in the above G.O., The Government has developed the Tamil fonts and Tamil keyboard drivers for 16-bit encodings (Unicode and TACE16), which are to be free distribution to all the government departments and the general public.

Welcome to Tamil nadu **Government Keyboard Interface Installer**

A Unique Software that allows you to use your favorite package in your favorite language - Tamil.

TN Govt. Keyboard Interface supports both the 16-bit standards, TAU (Tamil Unicode) and TACE16 (Tamil All Character Encoding for 16 bit).

TN Govt. Keyboard Interface supports the latest Tamil'99 Standard and Typewriter keyboard layout.

This user manual allows you to install this unique software in an easy, step-by-step manner. The software is also designed to be both functional and user-friendly, thereby allowing you to continue your tasks with minimum keystrokes.

We hope you will enjoy using **TN Govt. Keyboard Interface**.

However, if you feel that further improvements can be incorporated, we always welcome your suggestions. Please e-mail your ideas to **tamilvu@yahoo.com**.

A. INSTALLATION OF TN GOVT. KEYBOARD INTERFACE:

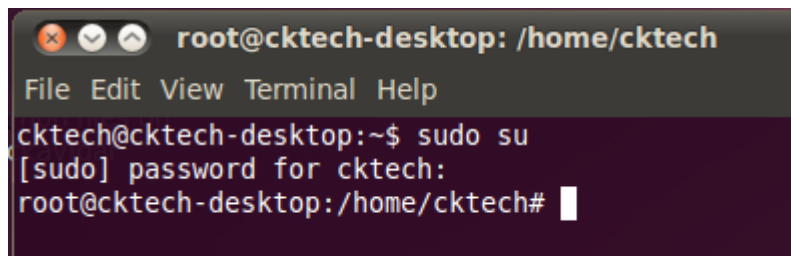
1. Login as a “ ROOT “ user into your system.
2. Copy the contents of the Installer files into a folder in your system.
3. Open a Terminal window and go to the path, where installer files are copied,
4. Run the script “ Install “using the following command

>/sh Install

This “ sh Install “ Command will install the application with required files.

5. If you logged in as a Normal user, copy the contents of the Installer files into a folder in your system
6. Open a Terminal Window and go to the path, where installer files are copied and type the following command

>/ sudo su, - this command will prompt for the password, enter password and elevate the normal user to super user.

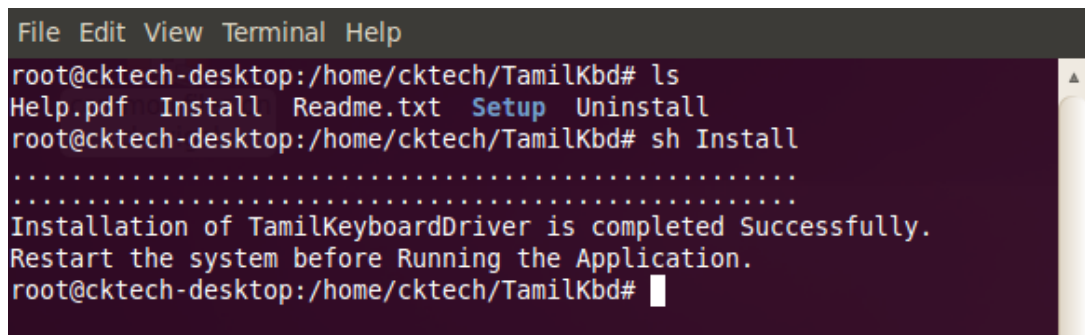
A terminal window titled 'root@cktech-desktop: /home/cktech' with a menu bar 'File Edit View Terminal Help'. The prompt is 'cktech@cktech-desktop:~\$'. The user enters 'sudo su', followed by a password prompt '[sudo] password for cktech:'. After entering the password, the prompt changes to 'root@cktech-desktop:/home/cktech#'.

```
root@cktech-desktop: /home/cktech
File Edit View Terminal Help
cktech@cktech-desktop:~$ sudo su
[sudo] password for cktech:
root@cktech-desktop:/home/cktech#
```

7. Run the script “ Install” using the following command

>/sh Install

This “ sh Install “ Command will install the application with required files.

A terminal window titled 'root@cktech-desktop: /home/cktech/TamilKbd' with a menu bar 'File Edit View Terminal Help'. The prompt is 'root@cktech-desktop:/home/cktech/TamilKbd#'. The user enters 'ls', showing a directory listing: 'Help.pdf Install Readme.txt Setup Uninstall'. Then the user enters 'sh Install', followed by a series of dots indicating progress. The output is 'Installation of TamilKeyboardDriver is completed Successfully. Restart the system before Running the Application.' The prompt returns to 'root@cktech-desktop:/home/cktech/TamilKbd#'.

```
File Edit View Terminal Help
root@cktech-desktop:/home/cktech/TamilKbd# ls
Help.pdf Install Readme.txt Setup Uninstall
root@cktech-desktop:/home/cktech/TamilKbd# sh Install
.....
Installation of TamilKeyboardDriver is completed Successfully.
Restart the system before Running the Application.
root@cktech-desktop:/home/cktech/TamilKbd#
```

B. STARTING THE TN GOVT. KEYBOARD INTERFACE:

1. Go to Applications Menu and go to sub menu **Tamil Keyboard Interface**, then click
“ **TN Govt. Keyboard Interface** “

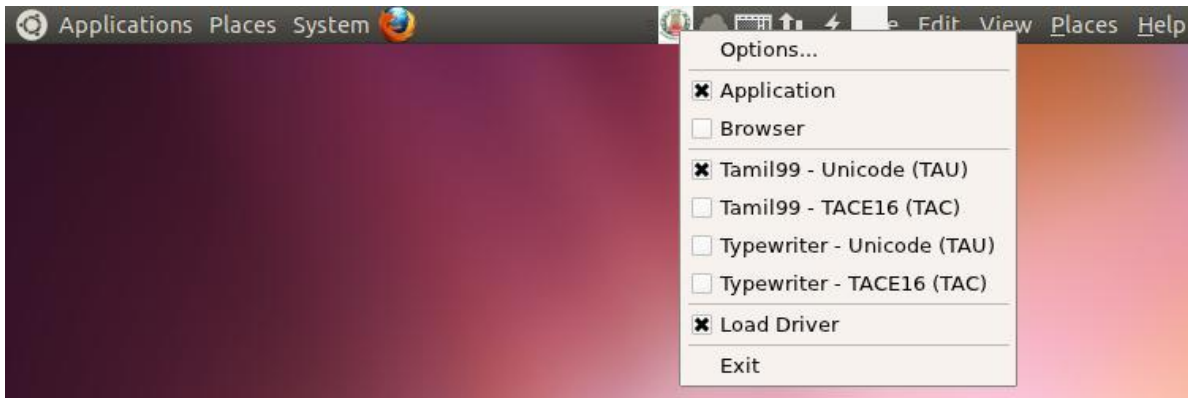


(or)

Open a Terminal window and type the following Command

```
>/TamilKeyboardDriver
```

Now the application will run in the system tray as shown below

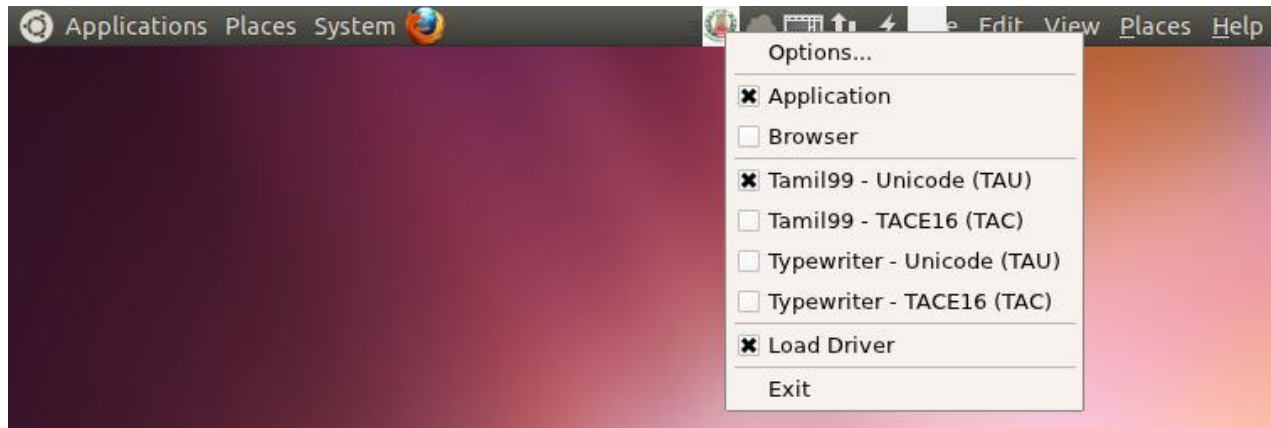


1. By right clicking the system tray icon, you can load the driver.
2. Select “Applications” option for use the keyboard Driver in text editors and other applications. Choose “Browser” Option to use Keyboard driver in Browser based Applications.
3. You can toggle between Unicode and TACE16 encodings as well as change between Typewriter and Tamil99 method of Input methods.

C. KEYBOARD LAYOUT MENU:

To Select the Keyboard Layout and Encoding method right click the system tray icon,

By clicking the “ Load Driver” option you can Enable and Disable the Keyboard Interface



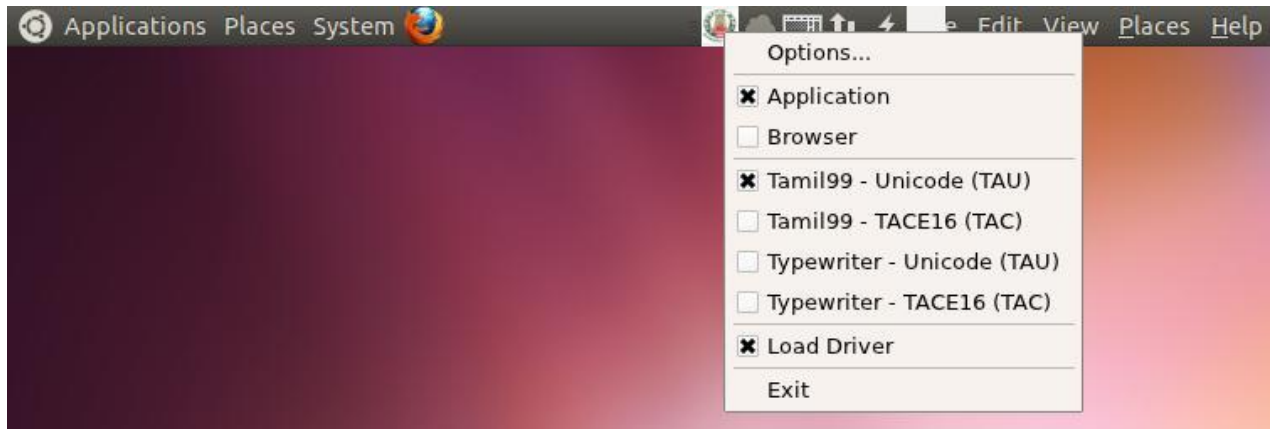
Here you can select your favorite keyboard choice from among the available keyboard options

in the interface, by clicking the appropriate option.

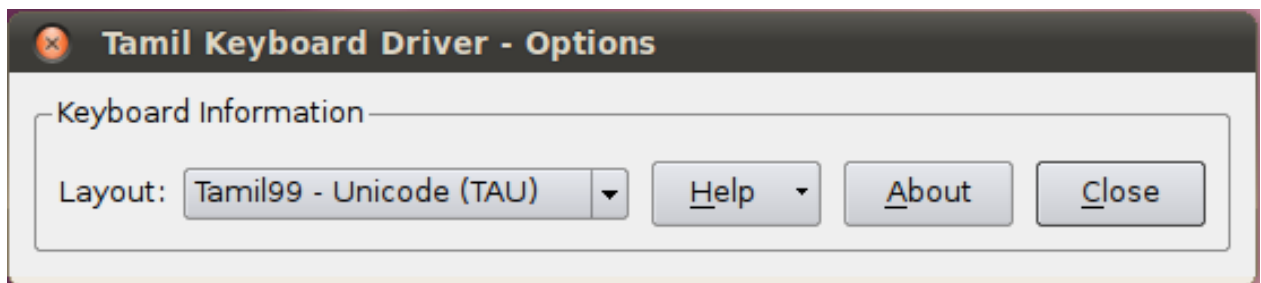
- i. TAMIL99 – UNICODE – Tamil99 works with Unicode Encoding (select the fonts starting TAU or any other Unicode fonts).
- ii. TYPEWRITER - UNICODE – Typewriter works with Unicode Encoding (select the fonts starting TAU or any other Unicode fonts).
- iii. TAMIL99 – TACE16 – Tamil99 works with TACE16 Encoding (select the fonts starting TAC or any other TACE16 fonts).
- iv. TYPEWRITER - TACE16 – Typewriter works with TACE16 Encoding (select the fonts starting TAC or any other TACE16 fonts).

D. OPTION MENU:

1. Right click the system tray icon and click “ Options “ ,



2. You will get the following Options window,



3. By clicking Dropdown Menu for Layout you can select the desired Keyboard Input as indicated in the following figure,



You can also use Keyboard Shortcut Keys for changing the Layout and Encoding Methods. The details are as follows,

SHORTCUT KEY FOR TYPE IN TAMIL

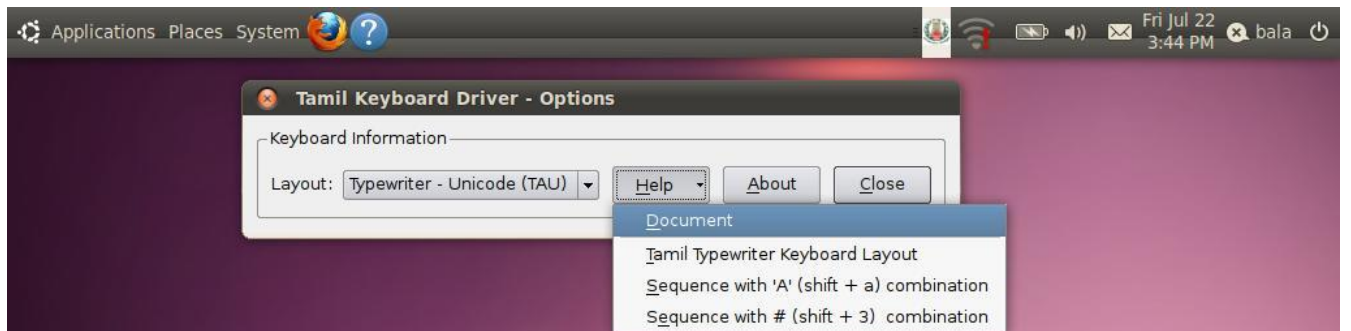
Following are the Keyboard shortcut keys for changing Layout and Encoding

- 1) By Pressing “ CTRL + SHIFT + 1” key you can enable Tamil99 / Unicode Combination,
- 2) By Pressing “ CTRL + SHIFT + 2” key, you can enable Tamil99 /TACE16 Combination
- 3) By Pressing “ CTRL + SHIFT + 3” key, you can enable Typewriter / Unicode Combination,
- 4) By Pressing “ CTRL + SHIFT + 4” key, you can enable Typewriter / TACE16 Combination,
- 5) By Pressing “ CTRL + SHIFT + 5” key, will enable English Input.
- 6) By Pressing “ CTRL + SHIFT + 6” key, will enable Application Input.
- 7) By Pressing “ CTRL + SHIFT + 7” key, will enable Browser Input.

Important Note:

1. “ CTRL + SHIFT + 5” is not a Toggle key between Tamil & English
2. In Browser Mode, Fast typing will result in missing of Characters.
3. In Browser (<http://www.google.co.in>), Tamil typing is not possible in center search text box.

HELP MENU



D. TAMIL KEYBOARD LAYOUTS:

Tamil99 Keyboard Layout



Typewriter Keyboard Layout



F. TAMIL KEYBOARD KEY SEQUENCE:

Keyboard sequences for Tamil Letters in Tamil99 Method

| | Keyboard Sequences for the Tamil Letters | |
|-------------------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| A. Tamil Letters | | |
| அ | அ | a |
| ஆ | ஆ | q |
| இ | இ | s |
| ஈ | ஈ | w |
| உ | உ | d |
| ஊ | ஊ | e |
| எ | எ | g |
| ஏ | ஏ | t |
| ஐ | ஐ | r |
| ஓ | ஓ | c |
| ஔ | ஔ | x |
| ஓள | ஓள | z |
| ஃ | ஃ | F |
| க் | க + pulli | h+f |
| க | க | h |
| கா | க+ஆ | h+q |
| கி | க+இ | h+s |
| கீ | க+ஈ | h+w |
| கு | க+உ | h+d |
| கூ | க+ஊ | h+e |
| கெ | க+எ | h+g |
| கே | க+ஏ | h+t |
| கை | க+ஐ | h+r |
| கொ | க+ஓ | h+c |
| கோ | க+ஔ | h+x |
| கௌ | க+ஓள | h+z |
| ங் | ங + pulli | b+f |
| ங | ங | b |
| ஙா | ங+ஆ | b+q |
| ஙி | ங+இ | b+s |
| ஙீ | ங+ஈ | b+w |
| ஙு | ங+உ | b+d |
| ஙூ | ங+ஊ | b+e |
| ஙெ | ங+எ | b+g |
| ஙே | ங+ஏ | b+t |
| ஙை | ங+ஐ | b+r |
| ஙொ | ங+ஓ | b+c |
| ஙோ | ங+ஔ | b+x |
| ஙௌ | ங+ஓள | b+z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| | | |
| ஃ | ஃ + pulli | [+f |
| ஈ | ஈ | [|
| ஊ | ஈ+ஆ | [+q |
| ஋ | ஈ+இ | [+s |
| ஌ | ஈ+ஈ | [+w |
| ஍ | ஈ+உ | [+d |
| எ | ஈ+ஊ | [+e |
| ஏ | ஈ+எ | [+g |
| ஐ | ஈ+ஏ | [+t |
| ஐச | ஈ+ஐ | [+r |
| ஐசா | ஈ+ஓ | [+c |
| ஐசோ | ஈ+ஔ | [+x |
| ஐசௌ | ஈ+க | [+z |
| ஞ் | ஞ் + pulli |] + f |
| ஞ | ஞ |] |
| ஞா | ஞ+ஆ |] + q |
| ஞி | ஞ+இ |] + s |
| ஞீ | ஞ+ஈ |] + w |
| ஞு | ஞ+உ |] + d |
| ஞூ | ஞ+ஊ |] + e |
| ஞெ | ஞ+எ |] + g |
| ஞே | ஞ+ஏ |] + t |
| ஞை | ஞ+ஐ |] + r |
| ஞொ | ஞ+ஓ |] + c |
| ஞோ | ஞ+ஔ |] + x |
| ஞௌ | ஞ+க |] + z |
| ட் | ட் + pulli | o + f |
| ட | ட | o |
| டா | ட்+ஆ | o + q |
| டி | ட்+இ | o + s |
| டீ | ட்+ஈ | o + w |
| டு | ட்+உ | o + d |
| டூ | ட்+ஊ | o + e |
| டெ | ட்+எ | o + g |
| டே | ட்+ஏ | o + t |
| டை | ட்+ஐ | o + r |
| டொ | ட்+ஓ | o + c |
| டோ | ட்+ஔ | o + x |
| டௌ | ட்+க | o + z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| ண் | ண + pulli | p+f |
| ண | ண | p |
| ணா | ண+ஆ | p+q |
| ணி | ண+இ | p+s |
| ணீ | ண+ஈ | p+w |
| ணு | ண+உ | p+d |
| ணூ | ண+ஊ | p+e |
| ணௌ | ண+ஏ | p+g |
| ணே | ண+ஏ | p+t |
| ணை | ண+ஐ | p+r |
| ணொ | ண+ஓ | p+c |
| ணோ | ண+ஓ | p+x |
| ணௌ | ண+ஔ | p+z |
| த் | த + pulli | l+f |
| த | த | l |
| தா | த+ஆ | l+q |
| தி | த+இ | l+s |
| தீ | த+ஈ | l+w |
| து | த+உ | l+d |
| தூ | த+ஊ | l+e |
| தெ | த+ஏ | l+g |
| தே | த+ஏ | l+t |
| தை | த+ஐ | l+r |
| தொ | த+ஓ | l+c |
| தோ | த+ஓ | l+x |
| தௌ | த+ஔ | l+z |
| ந் | ந + pulli | ;+f |
| ந | ந | ; |
| நா | ந+ஆ | ;+q |
| நி | ந+இ | ;+s |
| நீ | ந+ஈ | ;+w |
| நு | ந+உ | ;+d |
| நூ | ந+ஊ | ;+e |
| நெ | ந+ஏ | ;+g |
| நே | ந+ஏ | ;+t |
| நை | ந+ஐ | ;+r |
| நொ | ந+ஓ | ;+c |
| நோ | ந+ஓ | ;+x |
| நௌ | ந+ஔ | ;+z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| ப் | ப + pulli | j+f |
| ப | ப | j |
| பா | ப+ஆ | j+q |
| பி | ப+இ | j+s |
| பீ | ப+ஈ | j+w |
| பு | ப+உ | j+d |
| பு | ப+ஊ | j+e |
| பெ | ப+எ | j+g |
| பே | ப+ஏ | j+t |
| பை | ப+ஐ | j+r |
| பொ | ப+ஓ | j+c |
| போ | ப+ஔ | j+x |
| பெள | ப+ஔள | j+z |
| ம் | ம + pulli | k+f |
| ம | ம | k |
| மா | ம+ஆ | k+q |
| மி | ம+இ | k+s |
| மீ | ம+ஈ | k+w |
| மு | ம+உ | k+d |
| மு | ம+ஊ | k+e |
| மெ | ம+எ | k+g |
| மே | ம+ஏ | k+t |
| மை | ம+ஐ | k+r |
| மொ | ம+ஓ | k+c |
| மோ | ம+ஔ | k+x |
| மெள | ம+ஔள | k+z |
| ய் | ய + pulli | ' +f |
| ய | ய | |
| யா | ய+ஆ | ' +q |
| யி | ய+இ | ' + s |
| யீ | ய+ஈ | ' +w |
| யு | ய+உ | ' +d |
| யு | ய+ஊ | ' +e |
| யெ | ய+எ | ' +g |
| யே | ய+ஏ | ' +t |
| யை | ய+ஐ | ' +r |
| யொ | ய+ஓ | ' +c |
| யோ | ய+ஔ | ' +x |
| யெள | ய+ஔள | ' +z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| ர் | ர + pulli | m+f |
| ர | ர | m |
| ரா | ர+ஆ | m+q |
| ரி | ர+இ | m+s |
| ரீ | ர+ஈ | m+w |
| ரு | ர+உ | m+d |
| ரு | ர+ஊ | m+e |
| ரெ | ர+எ | m+g |
| ரே | ர+ஏ | m+t |
| ரை | ர+ஐ | m+r |
| ரொ | ர+ஓ | m+c |
| ரோ | ர+ஔ | m+x |
| ரௌ | ர+ஔள | m+z |
| ல் | ல + pulli | n+f |
| ல | ல | n |
| லா | ல+ஆ | n+q |
| லி | ல+இ | n+s |
| லீ | ல+ஈ | n+w |
| லு | ல+உ | n+d |
| லூ | ல+ஊ | n+e |
| லெ | ல+எ | n+g |
| லே | ல+ஏ | n+t |
| லை | ல+ஐ | n+r |
| லொ | ல+ஓ | n+c |
| லோ | ல+ஔ | n+x |
| லௌ | ல+ஔள | n+z |
| வ் | வ + pulli | v+f |
| வ | வ | v |
| வா | வ+ஆ | v+q |
| வி | வ+இ | v+s |
| வீ | வ+ஈ | v+w |
| வு | வ+உ | v+d |
| வூ | வ+ஊ | v+e |
| வெ | வ+எ | v+g |
| வே | வ+ஏ | v+t |
| வை | வ+ஐ | v+r |
| வொ | வ+ஓ | v+c |
| வோ | வ+ஔ | v+x |
| வௌ | வ+ஔள | v+z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| ஃ | ஃ + pulli | /+f |
| ழ | ழ | / |
| ஶ | ஶ+ஆ | /+q |
| ஷ | ஶ+இ | /+s |
| ஹ | ஶ+ஈ | /+w |
| ஸ | ஶ+உ | /+d |
| ஸ | ஶ+ஊ | /+e |
| ஷ | ஶ+எ | /+g |
| ழ | ஶ+ஏ | /+t |
| ழை | ஶ+ஐ | /+r |
| ழொ | ஶ+ஓ | /+c |
| ழோ | ஶ+ஔ | /+x |
| ழௌ | ஶ+ஓௌ | /+z |
| ஂ | ஂ + pulli | y+f |
| ஃ | ஃ | y |
| ஄ | ஄+ஆ | y+q |
| அ | ஄+இ | y+s |
| ஆ | ஄+ஈ | y+w |
| இ | ஄+உ | y+d |
| ஈ | ஄+ஊ | y+e |
| ஊ | ஄+எ | y+g |
| ஋ | ஄+ஏ | y+t |
| ஌ | ஄+ஐ | y+r |
| ஍ | ஄+ஓ | y+c |
| எ | ஄+ஔ | y+x |
| ஏ | ஄+ஓௌ | y+z |
| ஐ | ஐ + pulli | u+f |
| ஊ | ஊ | u |
| ஋ | ஋+ஆ | u+q |
| ஌ | ஋+இ | u+s |
| ஍ | ஋+ஈ | u+w |
| எ | ஋+உ | u+d |
| ஏ | ஋+ஊ | u+e |
| உ | ஋+எ | u+g |
| ஊ | ஋+ஏ | u+t |
| ஋ | ஋+ஐ | u+r |
| ஌ | ஋+ஓ | u+c |
| ஍ | ஋+ஔ | u+x |
| எ | ஋+ஓௌ | u+z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| ன் | ன + pulli | i+f |
| ன | ன | i |
| னா | ன+ஆ | i+q |
| னி | ன+இ | i+s |
| னீ | ன+ஈ | i+w |
| னு | ன+உ | i+d |
| னூ | ன+ஊ | i+e |
| னெ | ன+ஏ | i+g |
| னே | ன+ஐ | i+t |
| னை | ன+ஐ | i+r |
| னொ | ன+ஓ | i+c |
| னோ | ன+ஓ | i+x |
| னௌ | ன+ஔ | i+z |
| ஐ் | ஐ + pulli | E(Shift e)+f |
| ஐ | ஐ | E (Shift e) |
| ஐா | ஐ+ஆ | E (Shift e)+q |
| ஐி | ஐ+இ | E (Shift e)+s |
| ஐீ | ஐ+ஈ | E (Shift e)+w |
| ஐு | ஐ+உ | E (Shift e)+d |
| ஐூ | ஐ+ஊ | E (Shift e)+e |
| ஐெ | ஐ+ஏ | E (Shift e)+g |
| ஐே | ஐ+ஐ | E (Shift e)+t |
| ஐை | ஐ+ஐ | E (Shift e)+r |
| ஐொ | ஐ+ஓ | E (Shift e)+c |
| ஐோ | ஐ+ஓ | E (Shift e)+x |
| ஐௌ | ஐ+ஔ | E (Shift e)+z |
| ஸ் | ஸ + pulli | U(Shift u)+f |
| ஸ | ஸ | U (Shift u) |
| ஸா | ஸ+ஆ | U (Shift u)+q |
| ஸி | ஸ+இ | U (Shift u)+s |
| ஸீ | ஸ+ஈ | U (Shift u)+w |
| ஸு | ஸ+உ | U (Shift u)+d |
| ஸூ | ஸ+ஊ | U (Shift u)+e |
| ஸெ | ஸ+ஏ | U (Shift u)+g |
| ஸே | ஸ+ஐ | U (Shift u)+t |
| ஸை | ஸ+ஐ | U (Shift u)+r |
| ஸொ | ஸ+ஓ | U (Shift u)+c |
| ஸோ | ஸ+ஓ | U (Shift u)+x |
| ஸௌ | ஸ+ஔ | U (Shift u)+z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| வ் | வ + pulli | W(Shift w)+f |
| வ | வ | W (Shift w) |
| வா | வ+ஆ | W (Shift w)+q |
| வி | வ+இ | W (Shift w)+s |
| வீ | வ+ஈ | W (Shift w)+w |
| வு | வ+உ | W (Shift w)+d |
| வலி | வ+ஊ | W (Shift w)+e |
| வெ | வ+எ | W (Shift w)+g |
| வே | வ+ஏ | W (Shift w)+t |
| வை | வ+ஐ | W (Shift w)+r |
| வொ | வ+ஓ | W (Shift w)+c |
| வோ | வ+ஔ | W (Shift w)+x |
| வௌ | வ+ஓள | W (Shift w)+z |
| ஸ் | ஸ + pulli | Q(Shift q)+f |
| ஸ | ஸ | Q (Shift q) |
| ஸா | ஸ+ஆ | Q (Shift q)+q |
| ஸி | ஸ+இ | Q (Shift q)+s |
| ஸீ | ஸ+ஈ | Q (Shift q)+w |
| ஸு | ஸ+உ | Q (Shift q)+d |
| ஸலி | ஸ+ஊ | Q (Shift q)+e |
| ஸெ | ஸ+எ | Q (Shift q)+g |
| ஸே | ஸ+ஏ | Q (Shift q)+t |
| ஸை | ஸ+ஐ | Q (Shift q)+r |
| ஸொ | ஸ+ஓ | Q (Shift q)+c |
| ஸோ | ஸ+ஔ | Q (Shift q)+x |
| ஸௌ | ஸ+ஓள | Q (Shift q)+z |
| ற் | ற + pulli | R(Shift r)+f |
| ற | ற | R (Shift r) |
| றா | ற+ஆ | R (Shift r)+q |
| றி | ற+இ | R (Shift r)+s |
| றீ | ற+ஈ | R (Shift r)+w |
| று | ற+உ | R (Shift r)+d |
| றலி | ற+ஊ | R (Shift r)+e |
| றெ | ற+எ | R (Shift r)+g |
| றே | ற+ஏ | R (Shift r)+t |
| றை | ற+ஐ | R (Shift r)+r |
| றொ | ற+ஓ | R (Shift r)+c |
| றோ | ற+ஔ | R (Shift r)+x |
| றௌ | ற+ஓள | R (Shift r)+z |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| கஷ் | கஷ + pulli | T (Shift t)+f |
| கஷ | கஷ | T (Shift t) |
| கஷா | கஷ+ஆ | T (Shift t)+q |
| கஷி | கஷ+இ | T (Shift t)+s |
| கஷீ | கஷ+ஈ | T (Shift t)+w |
| கஷு | கஷ+உ | T (Shift t)+d |
| கஷஹி | கஷ+ஊ | T (Shift t)+e |
| கஷெ | கஷ+எ | T (Shift t)+g |
| கஷே | கஷ+ஏ | T (Shift t)+t |
| கஷை | கஷ+ஐ | T (Shift t)+r |
| கஷொ | கஷ+ஓ | T (Shift t)+c |
| கஷோ | கஷ+ஔ | T (Shift t)+x |
| கஷௌ | கஷ+ஓள | T (Shift t)+z |
| ஸ்ரீ | ஸ்ரீ | Y (Shift y) |
| | | |

DisjointedKsha character combinationswithZWNJcharacter

| | | |
|-------|-----------------|-------------------|
| க்ஷ் | க+pulli+ஷ+pulli | h+f+W (Shift w)+f |
| க்ஷ | க+pulli+ஷ | h+f+W (Shift w) |
| க்ஷா | க+pulli+ஷ+ஆ | h+f+W (Shift w)+q |
| க்ஷி | க+pulli+ஷ+இ | h+f+W (Shift w)+s |
| க்ஷீ | க+pulli+ஷ+ஈ | h+f+W (Shift w)+w |
| க்ஷு | க+pulli+ஷ+உ | h+f+W (Shift w)+d |
| க்ஷஹி | க+pulli+ஷ+ஊ | h+f+W (Shift w)+e |
| க்ஷெ | க+pulli+ஷ+எ | h+f+W (Shift w)+g |
| க்ஷே | க+pulli+ஷ+ஏ | h+f+W (Shift w)+t |
| க்ஷை | க+pulli+ஷ+ஐ | h+f+W (Shift w)+r |
| க்ஷொ | க+pulli+ஷ+ஓ | h+f+W (Shift w)+c |
| க்ஷோ | க+pulli+ஷ+ஔ | h+f+W (Shift w)+x |
| க்ஷௌ | க+pulli+ஷ+ஓள | h+f+W (Shift w)+z |

Tamil and English symbols

| | | |
|------|---------|-------------|
| உ | நாள் | Z (Shift z) |
| மீ | மாதம் | X (Shift x) |
| ஓந் | வருடம் | C (Shift c) |
| யு | பற்று | V (Shift v) |
| ௭௭ | வரவு | B (Shift b) |
| ஷெ | மேற்படி | D (Shift d) |
| ஸ்ரீ | ரூபாய் | A (Shift a) |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| நீ | நம்பர் | S (Shift s) |
| ௮ | பெர்ணமி | G (Shift g) |
| ● | அமாவாசை | H (Shift h) |
| ★ | கார்த்திகை | J (Shift j) |
| ௮ | ராஜி | I (Shift i) |
| ஓ | ஓம் | N (Shift n) |
| | | |
| [| [| O (Shift o) |
|] |] | P (Shift p) |
| { | { | { (Shift [) |
| } | } | } (Shift]) |
| " | " | K (Shift k) |
| : | : | I (Shift i) |
| ; | ; | : (Shift ;) |
| ' | ' | " (Shift ') |
| < | < | < (Shift ,) |
| > | > | > (Shift .) |
| ? | ? | ? (Shift /) |

Tamil99 Extended Keyboard Sequence With ^ (shift + 6) Combination

| | | |
|---|-----------------------------|-----|
| | | |
| ½ | Tamil Symbol 1/2 (அரை) | ^+2 |
| ¾ | Tamil Symbol 3/4 (முக்கால்) | ^+3 |
| ¼ | Tamil Symbol 1/4 (கால்) | ^+4 |
| ' | Left Single Quote | ^+7 |
| ' | Right Single Quote | ^+8 |
| " | Left Double Quote | ^+9 |
| " | Right Double Quote | ^+0 |
| | Non Breaking Space | ^+S |
| • | Symbol Bullet | ^+. |
| © | Symbol Copyright | ^+C |
| ^ | Caret Sign | ^+^ |
| ஃ | Tamil Vowel Sign Pulli | ^+f |
| ா | Tamil Vowel Sign AA | ^+q |
| ி | Tamil Vowel Sign I | ^+s |
| ீ | Tamil Vowel Sign II | ^+w |
| ு | Tamil Vowel Sign U | ^+d |
| ூ | Tamil Vowel Sign UU | ^+e |

| | Keyboard Sequences for the Tamil Letters | |
|--------------|--|------------------|
| Tamil letter | Tamil99 Keyboard | English Keyboard |
| ெ | Tamil Vowel Sign E | ^+g |
| ே | Tamil Vowel Sign EE | ^+t |
| ை | Tamil Vowel Sign AI | ^+r |
| ொ | Tamil Vowel Sign O | ^+c |
| ோ | Tamil Vowel Sign OO | ^+x |
| ௌ | Tamil Vowel Sign AU | ^+z |
| | | |

Tamil99 Extended Keyboard Sequence With ^ and # Combination

| ௦ | Tamil Number 0 (சுழி) | ^#0# |
|-------|----------------------------------|---------|
| ௧ | Tamil Number 1 (ஒன்று) | ^#1# |
| ௨ | Tamil Number 2 (இரண்டு) | ^#2# |
| ௩ | Tamil Number 3 (மூன்று) | ^#3# |
| ௪ | Tamil Number 4 (நான்கு) | ^#4# |
| ௫ | Tamil Number 5 (ஐந்து) | ^#5# |
| ௬ | Tamil Number 6 (ஆறு) | ^#6# |
| ௭ | Tamil Number 7 (ஏழு) | ^#7# |
| ௮ | Tamil Number 8 (எட்டு) | ^#8# |
| ௯ | Tamil Number 9 (ஒன்பது) | ^#9# |
| ௧௦ | Tamil Number 10 (பத்து) | ^#10# |
| ௧௦௦ | Tamil Number 100 (நூறு) | ^#100# |
| ௧௦௦௦ | Tamil Number 1000 (ஆயிரம்) | ^#1000# |
| ௧/௮ | Tamil Fraction 1/8 (அரைக்கால்) | ^#18# |
| ௧/௪ | Tamil Fraction 1/4 (கால்) | ^#14# |
| ௧/௨ | Tamil Fraction 1/2 (அரை) | ^#12# |
| ௩/௪ | Tamil Fraction 3/4 (முக்கால்) | ^#34# |
| ௧/௩௨ | Tamil Fraction 1/32 (அரைவீசம்) | ^#132# |
| ௧/௧௬ | Tamil Fraction 1/16 (வீசம்) | ^#116# |
| ௩/௧௬ | Tamil Fraction 3/16 (முவீசம்) | ^#316# |
| ௧/௪௦ | Tamil Fraction 1/40 (அரைமா) | ^#140# |
| ௧/௨௦ | Tamil Fraction 1/20 (ஒருமா) | ^#120# |
| ௧/௧௦ | Tamil Fraction 1/10 (இரண்டுமா) | ^#110# |
| ௩/௨௦ | Tamil Fraction 3/20 (மும்மா) | ^#320# |
| ௧/௫ | Tamil Fraction 1/5 (நாலுமா) | ^#15# |
| ௧/௩௨௦ | Tamil Fraction 1/320 (முந்திரி) | ^#1320# |
| ௧/௧௬௦ | Tamil Fraction 1/160 (அரைக்காணி) | ^#1160# |
| ௧/௮௦ | Tamil Fraction 1/80 (காணி) | ^#180# |
| ௩/௮௦ | Tamil Fraction 3/80 (முக்காணி) | ^#380# |

TAMIL99 KEYBOARD RULES (AS IT IS ON G.O. Ms.No.17 DATED 13.6.99)

- 1 The keyboard has the twelve vowels அ to ஓ, the aaytham, the eighteen pure Tamil consonants combined with the first vowel அ, the five grandha consonants combined with the vowel a (sa,sha,ja,ha and ksha), and the letter shri. The pulli which symbolizes a pure consonant is provided as a separate key (lower case f). Let us call a consonant combined with the vowel அ as a consonant symbol.
- 2 A consonant symbol followed by the pulli produces a pure consonant,
e.g க + (புள்ளி) → க்
- 3 A consonant symbol followed by a vowel other than the first vowel அ, produces a vowelised consonant
e.g. ம + ஆ → மா
த + இ → தி
க + ஒ → கோ
- 4 A consonant symbol followed by the same consonant symbol automatically puts a pulli for the first consonant symbol.
e.g. க + க → க்க
- 5 After putting a pulli automatically, this feature of automatic putting of pulli will be disabled temporarily for one stroke. That is, when the same consonant symbol is typed three times continuously one after another, then the first consonants symbol alone gets the pulli automatically, and the second consonant symbol does not get a pulli, since when the third consonant symbol is typed the automatic pulli feature is temporarily disabled. This feature will be restored immediately after that.
e.g. க + க + க → க்கக
க + க + க + க → க்கக்க
- 6 When the first vowel அ is typed after a consonant symbol, it simply confirms that the previous stroke is an akarameria uirmei. This disables temporarily the combining of any other stroke with the previous stroke. Hence typing any vowel will not join with the previous consonant symbol. Similarly the automatic pulli feature will also be disabled just for the next stroke. This automatic pulli feature gets restored immediately after the next stroke. The Vowel அ works as the delinking symbol.
e.g. க + அ + இ → க இ
க + அ + க → கக
க + அ + க + க → க்கக
- 7 The same behaviour is also seen when a soft consonant symbol is followed by the corresponding hard consonant symbol. (ங,க), (ஞ,ச), (ந,த), (ண,ட), (ம,ப), (ன,ற) are the soft and hard consonants pairs
e.g. ங + க → ங்க
ந + த + த → ந்தத
ந + த + த + த → ந்தத்த
ந + அ + த → ந்த
ந + அ + த + த → ந்த்த

- 8 A vowel after anything other than a consonant symbol remains a vowel
e.g ஆ + இ → ஆஇ
ப + ஆ + இ → பாஇ
(இடைவெளி) + உ → (இடைவெளி)உ
+ அ → #அ
- 9 The glyphs like kombu etc., which work as a vowel modifiers, can be got by ty and then the corresponding vowel. The caret sign can be got by typing it twice.
- 10 The special symbols for bullet and copyright are made available in the proposer can be got as follows. The bullet can be got by typing the caret sign and the 1 sign can be got by typing the caret sign followed by the letter c.
- 11 To obtain single and double quote the following sequence may be used.
Caret + 7 → Left single quote
Caret + 8 → Right Single Quote
Caret + 9 → Left double quote
Caret + 0 → Right double quote
Caret + S → Non breaking space
- 12 The treatment of delete and backspace keys is left to the individual developers.

Keyboard sequences for Tamil Letters in Typewriter Method:

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|-------------------------|-------------------------|------------------|
| A. Tamil Letters | | |
| அ | அ | m |
| ஆ | ஆ | M (Shift m) |
| இ | இ | , |
| ஈ | ஈ | < (Shift ,) |
| உ | உ | c |
| ஊ | ஊ | C (Shift c) |
| எ | எ | v |
| ஏ | ஏ | V (Shift v) |
| ஐ | ஐ | I (Shift + i) |
| ஓ | ஓ | x |
| ஔ | ஔ | X (Shift x) |
| ஓள | ஓள | x + s |
| ஃ | ஃ | ` |
| க் | ஃ+க | ;+f |
| க | க | f |
| கா | க+ா | f+h |
| கி | ரி+க | p+f |
| கீ | ரீ+க | P (Shift p) + f |
| கு | கு | F (Shift f) |
| கூ | கூ | T (Shift t) |
| கெ | ஁+க | b+f |
| கே | ஃ+க | n+f |
| கை | ஁+க | i+f |
| கொ | ஁+க+ா | b+f+h |
| கோ | ஃ+க+ா | n+f+h |
| கௌ | ஁+க+ள | b+f+s |
| ங் | ஃ+ங | ;+' |
| ங | ங | ' |
| ஙா | ங+ா | ' +h |
| ஙி | ரி+ங | p+' |
| ஙீ | ரீ+ங | P (Shift p)+' |
| ஙு | ஃ+ங | [+' |
| ஙூ | ஃ+ங | { (Shift [)+' |
| ஙெ | ஁+ங | b+' |
| ஙே | ஃ+ங | n+' |
| ஙை | ஁+ங | i+' |
| ஙொ | ஁+ங+ா | b++'h |
| ஙோ | ஃ+ங+ா | n++'h |
| ஙௌ | ஁+ங+ள | b++'s |
| ச் | ஃ+ச | ;+r |
| ச | ச | r |
| சா | ச+ா | r+h |
| சி | ரி+ச | p+r |
| சீ | ரீ+ச | P (Shift p)+r |
| சு | சு | R (Shift r) |
| சூ | சூ | N (Shift n) |
| செ | ஁+ச | b+r |

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|--------------|-------------------------|------------------------------|
| சே | ே+ச | n+r |
| சை | ை+ச | i+r |
| சொ | ெ+ச+ா | b+r+h |
| சோ | ே+ச+ா | n+r+h |
| சௌ | ெ+ச+ள | b+r+s |
| ஞ் | ஁+ஞ | ;"(Shift ') |
| ஞ | ஞ | " (Shift ') |
| ஞா | ஞ+ா | " (Shift ')+h |
| ஞி | ரி+ஞ | p+" (Shift ') |
| ஞீ | ீ+ஞ | P (Shift p)+" (Shift ') |
| ஞ | ஁+ஞ | [+" (Shift ') |
| ஞா | ஐ+ஞ | { (Shift []) + " (Shift ') |
| ஞெ | ெ+ஞ | b+" (Shift ') |
| ஞே | ே+ஞ | n+" (Shift ') |
| ஞை | ை+ஞ | i+" (Shift ') |
| ஞொ | ெ+ஞ+ா | b+" (Shift ')+h |
| ஞோ | ே+ஞ+ா | n+" (Shift ')+h |
| ஞௌ | ெ+ஞ+ள | b+" (Shift ')+s |
| ட் | ஁+ட | ;"l |
| ட | ட | l |
| டா | ட+ா | l+h |
| டி | ரி+ட | p+l (or) o |
| டீ | ீ+ட | P(Shift p)+l (or) O(Shift o) |
| டு | டு | L (Shift l) |
| டூ | ஐ+டு | : (Shift ;) + L(Shift l) |
| டெ | ெ+ட | b+l |
| டே | ே+ட | n+l |
| டை | ை+ட | i+l |
| டொ | ெ+ட+ா | b+l+h |
| டோ | ே+ட+ா | n+l+h |
| டௌ | ெ+ட+ள | b+l+s |
| ண் | ஁+ண | ;"z |
| ண | ண | z |
| ணா | ண+ா | z+h |
| ணி | ரி+ண | p+z |
| ணீ | ீ+ண | P (Shift p)+z |
| ணு | ணு | q |
| ணூ | ணு+ஐ | q+}(Shift []) |
| ணெ | ெ+ண | b+z |
| ணே | ே+ண | n+z |
| ணை | ை+ண | i+z |
| ணொ | ெ+ண+ா | b+z+h |
| ணோ | ே+ண+ா | n+z+h |
| ணௌ | ெ+ண+ள | b+z+s |
| த் | ஁+த | ;"j |
| த | த | j |
| தா | த+ா | j+h |
| தி | ரி+த | p+j |
| தீ | ீ+த | P (Shift p)+j |
| து | து | J (Shift j) |
| தூ | து+ஐ | J (Shift j)+}(Shift []) |
| தெ | ெ+த | b+j |

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|--------------|-------------------------|-------------------------|
| தே | ே+த | n+j |
| தை | ை+த | i+j |
| தொ | ெ+த+ா | b+j+h |
| தோ | ே+த+ா | n+j+h |
| தௌ | ெ+த+ள | b+j+s |
| ந் | ஁+ந | ;+e |
| ந | ந | e |
| நா | ந+ா | e+h |
| நி | ரி+ந | p+e |
| நீ | ீ+ந | P (Shift p)+e |
| நு | நு | E (Shift e) |
| நூ | நு+ஊ | E (Shift e)+}(Shift I) |
| நெ | ெ+ந | b+e |
| நே | ே+ந | n+e |
| நை | ை+ந | i+e |
| நொ | ெ+ந+ா | b+e+h |
| நோ | ே+ந+ா | n+e+h |
| நௌ | ெ+ந+ள | b+e+s |
| ப் | ஁+ப | ;+g |
| ப | ப | g |
| பா | ப+ா | g+h |
| பி | ரி+ப | p+g |
| பீ | ீ+ப | P (Shift p)+g |
| பு | ஁+ப | [+g |
| பூ | ஊ+ப | { (Shift I)+g |
| பெ | ெ+ப | b+g |
| பே | ே+ப | n+g |
| பை | ை+ப | i+g |
| பொ | ெ+ப+ா | b+g+h |
| போ | ே+ப+ா | n+g+h |
| பௌ | ெ+ப+ள | b+g+s |
| ம் | ஁+ம | ;+k |
| ம | ம | k |
| மா | ம+ா | k+h |
| மி | ரி+ம | p+k |
| மீ | ீ+ம | P (Shift p)+k |
| மு | மு | K (Shift k) |
| மூ | ஊ+மு | : (Shift ;) +K(Shift k) |
| மெ | ெ+ம | b+k |
| மே | ே+ம | n+k |
| மை | ை+ம | i+k |
| மொ | ெ+ம+ா | b+k+h |
| மோ | ே+ம+ா | n+k+h |
| மௌ | ெ+ம+ள | b+k+s |
| ய் | ஁+ய | ;+a |
| ய | ய | a |
| யா | ய+ா | a+h |
| யி | ரி+ய | p+a |
| யீ | ீ+ய | P (Shift p)+a |
| யு | ஁+ய | [+a |
| யூ | ஊ+ய | { (Shift I)+a |
| யெ | ெ+ய | b+a |

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|--------------|-------------------------|---------------------------|
| ன | ன+ய | n+a |
| னய | ன+ய | i+a |
| னயா | ன+ய+ா | b+a+h |
| னயோ | ன+ய+ா | n+a+h |
| னயள | ன+ய+ள | b+a+s |
| ர் | ர்+ர | ;+u |
| ர | ர | u |
| ரா | ர+ா | u+h |
| ரி | ரி+ர | p+u |
| ரீ | ரீ+ர | P(Shift p)+u |
| ரு | ரு | U(Shift u) |
| ரு | ர்+ரு | : (Shift ;) + U(Shift u) |
| ரெ | ன+ர | b+u |
| ரே | ன+ர | n+u |
| ரை | ன+ர | i+u |
| ரொ | ன+ர+ா | b+u+h |
| ரோ | ன+ர+ா | n+u+h |
| ரௌ | ன+ர+ள | b+u+s |
| ல் | ர்+ல | ;+y |
| ல | ல | y |
| லா | ல+ா | y+h |
| லி | லி+ல | p+y |
| லீ | லீ+ல | P (Shift p)+y |
| லு | லு | Y (Shift y) |
| லூ | லு +ர் | Y(Shift y) + }(Shift) |
| லெ | ன+ல | b+y |
| லே | ன+ல | n+y |
| லை | ன+ல | i+y |
| லொ | ன+ல+ா | b+y+h |
| லோ | ன+ல+ா | n+y+h |
| லௌ | ன+ல+ள | b+y+s |
| வ் | ர்+வ | ;+t |
| வ | வ | t |
| வா | வ+ா | t+h |
| வி | லி+வ | p+t |
| வீ | லீ+வ | P(Shift p)+t |
| வு | ர்+வ | [+t |
| வூ | ர்+வ | { (Shift [) +t |
| வெ | ன+வ | b+t |
| வே | ன+வ | n+t |
| வை | ன+வ | i+t |
| வொ | ன+வ+ா | b+t+h |
| வோ | ன+வ+ா | n+t+h |
| வௌ | ன+வ+ள | b+t+s |
| ழ் | ர்+ழ | ;+H(Shift h) |
| ழ | ழ | H(Shift h) |
| ழா | ழ+ா | H(Shift h)+h |
| ழி | லி+ழ | p+H(Shift h) |
| ழீ | லீ+ழ | P(Shift p) + H(Shift h) |
| ழு | ழு | G(Shift g) |
| ழு | ர்+ழ | { (Shift [) + H(Shift h) |
| ழெ | ன+ழ | b+H(Shift h) |

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|--------------|-------------------------|--------------------------|
| கே | கே+ழ | n+H(Shift h) |
| கை | கை+ழ | i+H(Shift h) |
| கொ | கெ+ழ+ா | b+H(Shift h)+h |
| கோ | கே+ழ+ா | n+H(Shift h)+h |
| கெள | கெ+ழ+ள | b+H(Shift h)+s |
| க் | க்+ள | ;+s |
| க | க | s |
| கா | கா+ா | s+h |
| கி | கி+ள | p+s |
| கீ | கீ+ள | P(Shift p)+s |
| கூ | கூ | S(Shift s) |
| கூ | கூ+கூ | : (Shift ;) + S(Shift s) |
| கௌ | கெ+ள | b+s |
| கோ | கே+ள | n+s |
| கை | கை+ள | i+s |
| கொ | கெ+ள+ா | b+s+h |
| கோ | கே+ள+ா | n+s+h |
| கௌ | கெ+ள+ள | b+s+s |
| ற் | க்+ற | ;+w |
| ற | ற | w |
| றா | றா+ா | w+h |
| றி | கி+ற | p+w |
| ரீ | கீ+ற | P (Shift p)+ w |
| று | று | W (Shift w) |
| றா | று+கூ | W(Shift w)+}(Shift j) |
| றெ | கெ+ற | b+w |
| றே | கே+ற | n+w |
| றை | கை+ற | i+w |
| றொ | கெ+ற+ா | b+w+h |
| றோ | கே+ற+ா | n+w+h |
| றௌ | கெ+ற+ள | b+w+s |
| ன் | க்+ன | ;+d |
| ன | ன | d |
| நா | நா+ா | d+h |
| நி | கி+ன | p+d |
| நீ | கீ+ன | P (Shift p)+d |
| நூ | நூ | D (Shift d) |
| நூ | நூ+கூ | D (Shift d) + }(Shift j) |
| நெ | கெ+ன | b+d |
| நே | கே+ன | n+d |
| நை | கை+ன | i+d |
| நொ | கெ+ன+ா | b+d+h |
| நோ | கே+ன+ா | n+d+h |
| நௌ | கெ+ன+ள | b+d+s |
| ஜ் | க்+ஜ | ;+S(Shift 4) |
| ஜ | ஜ | S(Shift 4) |
| ஜா | ஜா+ா | S(Shift 4)+h |
| ஜி | கி+ஜ | p+S(Shift 4) |
| ஜீ | கீ+ஜ | P(Shift p)+S(Shift 4) |
| ஜு | ஜு + ஁ | S(Shift 4)+%(Shift 5) |
| ஜூ | ஜூ + ஁ | S(Shift 4)+^(Shift 6) |
| ஜெ | கெ+ஜ | b+S(Shift 4) |

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|--------------|-------------------------|-----------------------------------|
| ஜே | ஜே+ஜ | n+S(Shift 4) |
| ஜை | ஜை+ஜ | i+S(Shift 4) |
| ஜோ | ஜெ+ஜ+ா | b+S(Shift 4)+h |
| ஜோ | ஜே+ஜ+ா | n+S(Shift 4)+h |
| ஜௌ | ஜெ+ஜ+ள | b+S(Shift 4)+s |
| ய் | ஓ° + ய | ;+A(Shift a)+Y (Shift y) |
| ய | ய | A(Shift a)+Y (Shift y) |
| யா | யா+ா | A(Shift a)+Y (Shift y)+h |
| யி | யி+ய | p+A(Shift a)+Y (Shift y) |
| யீ | யீ+ய | P(Shift p)+A(Shift a)+Y(Shift y) |
| யா | யா+ஶ | A(Shift a)+Y (Shift y)+%(Shift 5) |
| யு | யா+ஶ | A(Shift a)+Y (Shift y)+^(Shift 6) |
| யெ | ஜெ+ய | b+A(Shift a)+Y (Shift y) |
| யே | ஜே+ய | n+A(Shift a)+Y (Shift y) |
| யை | ஜை+ய | i+A(Shift a)+Y (Shift y) |
| யொ | ஜெ+ய+ா | b+A(Shift a)+Y (Shift y)+h |
| யோ | ஜே+ய+ா | n+A(Shift a)+Y (Shift y)+h |
| யௌ | ஜெ+ய+ள | b+A(Shift a)+Y (Shift y)+s |
| ஷ் | ஓ°+ஷ | ;+Z (Shift z) |
| ஷ | ஷ | Z (Shift z) |
| ஷா | ஷ+ா | Z (Shift z)+h |
| ஷி | யி+ஷ | p+Z (Shift z) |
| ஷீ | யீ+ஷ | P(Shift p)+Z (Shift z) |
| ஷா | ஷ + ஶ | Z (Shift z)+%(Shift 5) |
| ஷு | ஷ + ஶ | Z (Shift z)+^(Shift 6) |
| ஷெ | ஜெ+ஷ | b+Z (Shift z) |
| ஷே | ஜே+ஷ | n+Z (Shift z) |
| ஷை | ஜை+ஷ | i+Z (Shift z) |
| ஷொ | ஜெ+ஷ+ா | b+Z (Shift z)+h |
| ஷோ | ஜே+ஷ+ா | n+Z (Shift z)+h |
| ஷௌ | ஜெ+ஷ+ள | b+Z (Shift z)+s |
| ஸ் | ஓ°+ஸ | ;+! (Shift 1) |
| ஸ | ஸ | ! (Shift 1) |
| ஸா | ஸ+ா | ! (Shift 1)+h |
| ஸி | யி+ஸ | p+! (Shift 1) |
| ஸீ | யீ+ஸ | P (Shift p)+! (Shift 1) |
| ஸா | ஸ + ஶ | ! (Shift 1)+%(Shift 5) |
| ஸு | ஸ + ஶ | ! (Shift 1)+^(Shift 6) |
| ஸெ | ஜெ+ஸ | b+! (Shift 1) |
| ஸே | ஜே+ஸ | n+! (Shift 1) |
| ஸை | ஜை+ஸ | i+! (Shift 1) |
| ஸொ | ஜெ+ஸ+ா | b+! (Shift 1)+h |
| ஸோ | ஜே+ஸ+ா | n+! (Shift 1)+h |
| ஸௌ | ஜெ+ஸ+ள | b+! (Shift 1)+s |
| ஹ் | ஓ°+ஹ | ;+ |
| ஹ | ஹ | |
| ஹா | ஹ+ா | +h |
| ஹி | யி+ஹ | p+ |
| ஹீ | யீ+ஹ | P (Shift p)+ |
| ஹா | ஹ + ஶ | +%(Shift 5) |
| ஹு | ஹ + ஶ | +^(Shift 6) |
| ஹெ | ஜெ+ஹ | b+ |

| Tamil letter | Tamil Keyboard Sequence | English Keyboard |
|--------------|-------------------------|-------------------------|
| ஹே | ஹே+ஹ | n+] |
| ஹை | ஹை+ஹ | i+] |
| ஹொ | ஹொ+ஹ+ஹ | b+]+h |
| ஹோ | ஹோ+ஹ+ஹ | n+]+h |
| ஹௌ | ஹௌ+ஹ+ஹ | b+]+s |
| ஶத் | ஶ+ஶத் | ;+B (Shift b) |
| ஶத | ஶத் | B (Shift b) |
| ஶதா | ஶத்+ஹ | B (Shift b)+h |
| ஶதி | ஶ+ஶத் | p+B (Shift b) |
| ஶதீ | ஶ+ஶத் | P (Shift p)+B (Shift b) |
| ஶதா | ஶத் + ஶ | B (Shift b)+%(Shift 5) |
| ஶதலி | ஶத் + ஶலி | B (Shift b)+^(Shift 6) |
| ஶதெ | ஹெ+ஶத் | b+B (Shift b) |
| ஶதே | ஹே+ஶத் | n+B (Shift b) |
| ஶதை | ஹை+ஶத் | i+B (Shift b) |
| ஶதொ | ஹெ+ஶத்+ஹ | b+B (Shift b)+h |
| ஶதோ | ஹே+ஶத்+ஹ | n+B (Shift b)+h |
| ஶதௌ | ஹெ+ஶத்+ஹ | b+B (Shift b)+s |
| ஶநீ | ஶநீ | _ (Shift -) |

Disjointed Ksha character combinations with ZWNJ character

| | | |
|--------|---------------|----------------------------|
| க்ஷத் | ஶ+ஶ+ஶத் | ;+f+;+Z (Shift z) |
| க்ஷத | ஶ+ஶ+ஶத் | ;+f+Z (Shift z) |
| க்ஷதா | ஶ+ஶ+ஶத்+ஹ | ;+f+Z (Shift z)+h |
| க்ஷதி | ஶ+ஶ+ஶ+ஶத் | ;+f+p+Z (Shift z) |
| க்ஷதீ | ஶ+ஶ+ஶ+ஶத் | ;+f+P(Shift p)+Z (Shift z) |
| க்ஷதா | ஶ+ஶ+ஶத் + ஶ | ;+f+Z (Shift z)+%(Shift 5) |
| க்ஷதலி | ஶ+ஶ+ஶத் + ஶலி | ;+f+Z (Shift z)+^(Shift 6) |
| க்ஷதெ | ஶ+ஶ+ஹெ+ஶத் | ;+f+b+Z (Shift z) |
| க்ஷதே | ஶ+ஶ+ஹே+ஶத் | ;+f+n+Z (Shift z) |
| க்ஷதை | ஶ+ஶ+ஹை+ஶத் | ;+f+i+Z (Shift z) |
| க்ஷதொ | ஶ+ஶ+ஹெ+ஶத்+ஹ | ;+f+b+Z (Shift z)+h |
| க்ஷதோ | ஶ+ஶ+ஹே+ஶத்+ஹ | ;+f+n+Z (Shift z)+h |
| க்ஷதௌ | ஶ+ஶ+ஹெ+ஶத்+ஹ | ;+f+b+Z (Shift z)+s |

Typewriter Extended Keyboard Sequence With 'A' (shift + a) Combination

Tamil and English symbols

| | | |
|-----|------------|---------------------------|
| உ | நாள் | A (Shift a)+Z (Shift z) |
| ஸீ | மாதம் | A (Shift a)+X (Shift x) |
| ஶநீ | வருடம் | A (Shift a) + C (Shift c) |
| ஶய | பற்று | A (Shift a) + V (Shift v) |
| ஶவ | வரவு | A (Shift a) + B (Shift b) |
| ஶடி | மேற்படி | A (Shift a) + D (Shift d) |
| ஶநீ | நாபாய் | A (Shift a) + A (Shift a) |
| ஶநீ | நம்பர் | A (Shift a) + S (Shift s) |
| ஶ | பெளர்ணமி | A (Shift a) + G (Shift g) |
| ஶ | அமாவாசை | A (Shift a) + H (Shift h) |
| ஶ | கார்த்திகை | A (Shift a) + J (Shift j) |
| ஶ | ராஜு | A (Shift a) + K (Shift k) |
| ஶ | ஓம் | A (Shift a) + F (Shift f) |