

Marathi Indic Input 2 - User Guide

Contents

WHAT IS MARATHI INDIC INPUT 2?	3
SYSTEM REQUIREMENTS.....	3
TO INSTALL MARATHI INDIC INPUT 2.....	3
<i>To Use Marathi Indic Input 2.....</i>	<i>4</i>
SUPPORTED KEYBOARDS.....	5
MARATHI TRANSLITERATION	5
<i>Keyboard Rules.....</i>	<i>5</i>
MARATHI INSCRIPT	7
MARATHI TYPEWRITER.....	8
<i>Keyboard Rules.....</i>	<i>8</i>
MARATHI TYPEWRITER (AKRUTI)	9
<i>Keyboard Rules.....</i>	<i>10</i>
MARATHI REMINGTON (PNB).....	11
<i>Keyboard Rules.....</i>	<i>11</i>
MARATHI REMINGTON (GAIL)	13
<i>Keyboard Rules.....</i>	<i>13</i>
MARATHI REMINGTON (CBI)	15
<i>Keyboard Rules.....</i>	<i>15</i>
MARATHI WEBDUNIA KEYBOARD	17
<i>Keyboard Rules.....</i>	<i>17</i>
MARATHI ANGLO-NAGARI	18
<i>Keyboard Rules.....</i>	<i>18</i>
TOOL SETTING OPTIONS	19
ON-THE-FLY HELP	19
SHOW KEYBOARD	20
SWITCH TO ENGLISH.....	20
HELP	20
TROUBLESHOOTING	21
TO UNINSTALL MARATHI INDIC INPUT 2.....	22

What is Marathi Indic Input 2?

Marathi Indic Input 2 provides a very convenient way of entering text in Marathi Language using the English QWERTY keyboard in any editing application (Office Application/WordPad /Notepad) that supports Text Services. Marathi Indic Input 2 tool will be packaged as a setup and running the setup will invoke the services. The tool supports all popular keyboard layouts.

System Requirements

Windows Vista

Windows 7

*Tool is compatible with equivalent 64-bit Operating Systems mentioned above.

To Install Marathi Indic Input 2

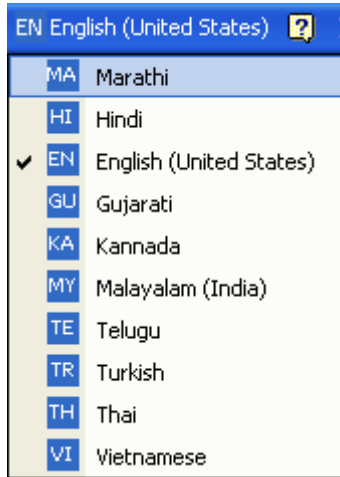
Installation of the Marathi Indic Input 2 is a very easy process that takes less than two minute to complete.

Run or double click **Marathi Indic Input 2 Setup**. The setup wizard will guide you through the installation process. Once the installation process is complete, **Marathi Indic Input 2 has been successfully installed** will be displayed.

Note: On Windows Vista and Windows 7, if your user login does not have administrative privileges or is not included in the user group of administrators right click the "Setup.exe" icon and select "Run as Administrator".

To Use Marathi Indic Input 2

1. Start any Office application, including WordPad or Notepad.
2. Click the Language Indicator located in the System Tray on the right side of the Windows taskbar or on Language bar as shown below and select **MA-Marathi**.



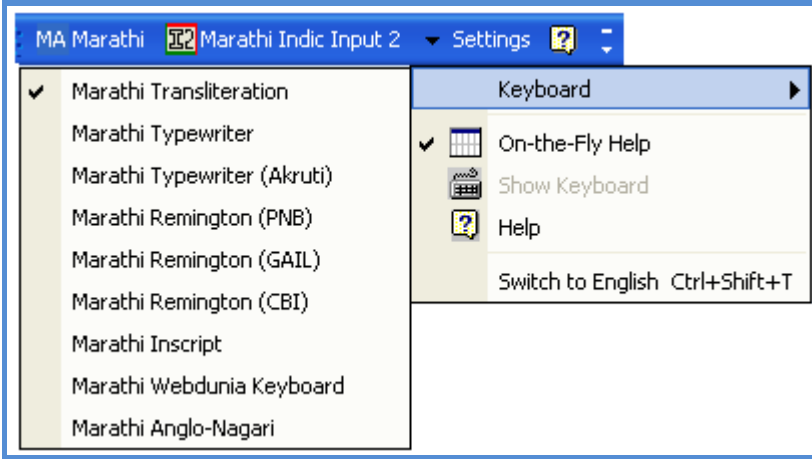
3. Select **Marathi Indic Input 2** from the shortcut menu that appears. The PC is now ready to start typing in Marathi.



Note: If you are unable to view Language bar on your PC [Click Here](#).

Supported Keyboards

Marathi Indic Input 2 supports various types of Keyboards. Click **Settings** Icon and select **Keyboard**. Choose keyboard layout of your choice form list of available keyboards.



Marathi Transliteration

User can type his message in Roman using the Standard English keyboard, which is transliterated on-the-fly to Marathi. It works on the logic of phonetics and is most effective when user write the word the way it is spoken.

Keyboard Rules

Vyanjan (Consonants)									
क	ka, ca	ख	kha	ग	ga	घ	gha	ङ	Nga
च	cha	छ	chha	ज	ja	झ	jha	ञ	Nja
ट	Ta	ठ	Tha	ड	Da	ढ	Dha	ण	Na
त	ta	थ	tha	द	da	ध	dha	न	na
प	pa	फ	pha,fa	ब	ba	भ	bha	म	ma
य	ya	र	ra	ल	la	व	va,wa	श	sha
ष	Sha	स	sa	ह	ha	क्ष	kSha,X	त्र	Tra
ज्ञ	Gya,JNja,dny								

Swar (Vowels)									
अ	a	आ	aa	इ	i	ई	ee,ii,l	उ	u
ऊ	oo,uu,U	ऋ	R	ए	e	ऌ	A	ऐ	ai,ei
ओ	o	ऌ	O	औ	au,ou	अं	a^	अः	aH

Examples	
Input	Output
udyaa	उद्या
aaee	आई

Matras

ा	aa	ि	i	ी	ee,ii,l	ु	u	ू	oo,uu,O	ृ	R
े	e	ै	ai,ei	ो	o	ौ	au,ou	ँ	A	ॉ	O

Examples

Input	Output
maaNus	माणुस
kimayaa	किमया

Anuswara, Visarga and Chandrabindi

ं	^	ः	H	ँ	M
---	---	---	---	---	---

Examples

Input	Output
nivaant	निवांत
adhHpaat	अधःपात
baMk	बँक

Conjuncts

क्र	kra	प्र	pra	क्त	qt	क्त	kt	न्म	nm
द्य	dya	द्ध	ddha	द्व	dwa	क्स	ksa,x	र्ष	rpa

Examples

Input	Output
kram	क्रम
pravaas	प्रवास

Explicit Halant Example:

Input	Output
waishishT_y	वैशिष्यT_y
tad_kaaleen	तद्कालीन

Explicit Half Consonants Example:

Input	Output
nish~chit	निश्चित
bhak~ti	भक्ति

Explicit Half R, (Eyelash R)Example:

Input	Output
kuRhaaD	कुर्हाड
dusaRyaa	दुसऱ्या

Marathi Inscript**Special Combinations**

A consonant followed by halant and consonant, creates a conjunct.	क + ् + त = क्त
A consonant followed by halant and ZWJ and consonant, creates a half consonant combination.	क + ् + [Ctrl-Shift-1] + त = क्य
A consonant followed by halant and ZWNJ and consonant, joins them with an explicit halant.	क ् + [Ctrl-Shift-2] + त = क्त
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Typewriter



Keyboard Rules

Escape + key Combinations		
Key	Output	Comment
3	-	Hyphen
4	ऋ	Ri Vowel
5	ॠ	Ri Matra
7	÷	Divide sign
8	×	Cross sign
½	-	Hyphen
»	--	Double Hyphen
I	फ़	f Nukta
P	ढ	Dh_ Nukta
A	ख़	kha Nukta
X	ग़	ga Nukta
C	ज़	ja Nukta
V	!	Exclamation Mark
B	*	Asterisk
M	ड़	Da Nukta

Special Combinations	
'i' matra is typed ahead of consonant or conjunct.	ि + क = कि ि + म + क = म्कि ि + न + त्र = न्त्रि
'Reph' is typed after any consonant or conjunct.	क + reph = कॅ कि + reph = किं न्कि + reph = न्किं
Half consonant followed by 'aa' matra will create full consonant form.	म् + ा = म ि + म् + ा = मि ि + क्ष + म् + ा = क्षिम म् + ा + reph = मॅ
'i' vowel is followed by reph, creates 'ee' vowel.	इ + reph = ई
'a' vowel is followed by 'aa' matra creates 'aa' vowel.	अ + ा = आ
'aa' vowel is followed by 'A' matra creates 'O' vowel.	आ + ॅ = ऑ
'aa' matra is followed by 'A' matra creates 'O' matra.	सा + ॅ = साँ
'e' vowel is followed by 'A' matra creates 'E' vowel.	ए + ॅ = ऐ
'e' vowel is followed by 'ei' matra creates 'ei' vowel.	ए + े = ऐ
'aa' vowel is followed by 'e' matra creates 'o' vowel	आ + े = ओ
'aa' vowel is followed by 'ei' matra creates 'au' vowel	आ + ै = औ
'aa' matra is followed by 'e' matra creates 'o' matra.	सा + े = साँ
'aa' matra is followed by 'ei' matra creates 'au' matra.	सा + ै = साँ
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Typewriter (Akruti)



Keyboard Rules

Escape + key Combinations		
Key	Output	Comment
3	-	-
4	ऋ	Ra
5	ॠ	Ra
7	÷	Divide sign
8	×	Cross sign
½	-	Hyphen
»	--	Double Hyphen
l	फ़	f dot
p	ढ	Dh_
A	ख़	kha dot
X	ग़	ga dot
C	ज़	ja dot
V	!	Exclamation Mark
B	*	Asterisk
M	ड़	D_

Special Combinations	
'u' vowel (m) followed by poonchh (Q) creates 'oo' vowel.	उ (m) + Q = ऊ
'pa' consonant followed by poonchh (Q) creates 'fa'.	प (i) + Q = फ
'ra' consonant followed by poonchh forms 'ru'.	र (j) + Q = रु
'i' matra is typed ahead of consonant or conjunct.	ि + क = कि ि + ऋ + क = म्कि ि + न् + त्र = न्त्रि
'Reph' is typed after any consonant or conjunct.	क + reph = कॅ कि + reph = किॅ न्कि + reph = न्किॅ
Half consonant followed by 'aa' matra will create full consonant form.	म् + ा = म् ि + ऋ + ा = मि ि + क्ष + ऋ + ा = क्षिमा म् + ा + reph = मॅ क्ष + ऋ + ा + reph = क्षर्म

'i' vowel is followed by reph, creates 'ee' vowel.	इ + reph = ई
'a' vowel is followed by 'aa' matra creates 'aa' vowel.	अ + ा = आ
'aa' vowel is followed by 'A' matra creates 'O' vowel.	आ + ॉ = औ
'aa' matra is followed by 'A' matra creates 'O' matra.	सा + ॉ = साँ
'e' vowel is followed by 'A' matra creates 'E' vowel.	ए + ॅ = ऐ
'e' vowel is followed by 'ei' matra creates 'ei' vowel.	ए + े = ऐ
'aa' vowel is followed by 'e' matra creates 'o' vowel	आ + े = ओ
'aa' vowel is followed by 'ei' matra creates 'au' vowel	आ + ै = औ
'aa' matra is followed by 'e' matra creates 'o' matra.	सा + े = सो
'aa' matra is followed by 'ei' matra creates 'au' matra.	सा + ै = साँ
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Remington (PNB)



Keyboard Rules

Key Mapping with Escape	
Key	Output
g	ee matra with reph
G	ee matra with reph
h	ee matra with reph
z	e matra with reph
Z	ei matra with reph
`	Nukta

Special Combinations	
'a' vowel followed by 'aa' matra creates 'aa' vowel.	अ + ा = आ
1)'aa' vowel followed by 'e' matra, creates 'o' vowel. 2)'aa' vowel followed by 'ei' matra, creates 'au' vowel. 3)'aa' vowel followed by 'A' matra, creates 'O' vowel.	आ + े = ओ आ + ै = औ आ + ॅ = ऑ
1)'aa' matra followed by 'e' matra, creates 'o' matra. 2)'aa' matra followed by 'ei' matra, creates 'au' matra. 3)'aa' matra followed by 'A' matra, creates 'O' matra.	सा + े = सो सा + ै = सौ सा + ॅ = सॉ
1)'e' vowel followed by 'A' matra, creates 'E' vowel. 2)'e' vowel followed by 'e' matra, creates 'ei' vowel.	ए + W = ऐ ए + s = ऐ
'A' matra followed by anuswar, forms chandrabindi.	कॅ + ं = कॅ
'u' vowel followed by poonch (Q) creates 'oo' vowel.	उ + Q = ऊ
'pa' consonant followed by poonch (Q) creates 'pha' consonant.	प + Q = फ
'ra' consonant followed by poonch (Q) creates 'roo'.	र + Q = रू
'rakar' is typed after a consonant/conjunct.	कि + rakar = क्रि क्र + rakar = क्रि
'Reph' is typed after any consonant or conjunct.	क + reph = कर्क कि + reph = किर्कि न्कि + reph = न्किर्कि
'i' matra is typed ahead of consonant or conjunct.	ि + क = कि ि + ऋ + क = म्कि ि + ऌ + त्र = न्त्रि
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Remington (GAIL)



Keyboard Rules

Key Mapping with Escape key		
Key	Output	Comment
3	-	-
4	ऋ	Ra
5	ॠ	Ra
7	÷	Divide sign
8	×	Cross sign
½	-	Hyphen
»	--	Double Hyphen
।	फ़	f dot
P	ढ	Dh_
A	ख	kha dot
X	ग	ga dot
C	ज	ja dot
V	!	Exclamation Mark
B	*	Asterisk
M	ड	D_

Special Combinations

'a' vowel followed by 'aa' matra creates 'aa' vowel.	अ + ा = आ
1)'aa' vowel followed by 'e' matra, creates 'o' vowel. 2)'aa' vowel followed by 'ei' matra, creates 'au' vowel. 3)'aa' vowel followed by 'A' matra, creates 'O' vowel.	आ + े = ओ आ + ै = औ आ + ॅ = ऑ
1)'aa' matra followed by 'e' matra, creates 'o' matra. 2)'aa' matra followed by 'ei' matra, creates 'au' matra. 3)'aa' matra followed by 'A' matra, creates 'O' matra.	सा + े = सो सा + ै = सौ सा + ॅ = सॉ
1)'e' vowel followed by 'A' matra, creates 'E' vowel. 2)'e' vowel followed by 'e' matra, creates 'ei' vowel.	ए + W = ऐ ए + s = ऐ
'A' matra followed by anuswar, forms chandrabindi.	कॅ + ं = कॅ
'u' vowel followed by poonch (Q) creates 'oo' vowel.	उ + Q = ऊ
'pa' consonant followed by poonch (Q) creates 'pha' consonant.	प + Q = फ
'ra' consonant followed by poonch (Q) creates 'roo'.	र + Q = रू
'rakar' is typed after a consonant/conjunct.	कि + rakar = क्रि क्र + rakar = क्रि
'Reph' is typed after any consonant or conjunct.	क + reph = कर्क कि + reph = कर्कि न्कि + reph = न्कि
'i' matra is typed ahead of consonant or conjunct.	ि + क = कि ि + ऋ + क = म्कि ि + ऌ + व = न्नि
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Remington (CBI)



Keyboard Rules

Key Mapping with Escape key		
Key	Output	Comment
3	-	-
4	ऋ	Ra
5	ॠ	Ra
7	÷	Divide sign
8	×	Cross sign
½	-	Hyphen
»	--	Double Hyphen
I	फ़	f dot
P	ढ	Dh_
A	ख़	kha dot
X	ग़	ga dot
C	ज़	ja dot
V	!	Exclamation Mark
B	*	Asterisk
M	ड़	D_

Special Combinations	
'a' vowel followed by 'aa' matra creates 'aa' vowel.	अ + ा = आ
1)'aa' vowel followed by 'e' matra, creates 'o' vowel. 2)'aa' vowel followed by 'ei' matra, creates 'au' vowel. 3)'aa' vowel followed by 'A' matra, creates 'O' vowel.	आ + े = ओ आ + ै = औ आ + ॅ = औँ
1)'aa' matra followed by 'e' matra, creates 'o' matra. 2)'aa' matra followed by 'ei' matra, creates 'au' matra. 3)'aa' matra followed by 'A' matra, creates 'O' matra.	सा + े = सो सा + ै = सौ सा + ॅ = साँ
1)'e' vowel followed by 'A' matra, creates 'E' vowel. 2)'e' vowel followed by 'e' matra, creates 'ei' vowel.	ए + W = ऐ ए + s = ऐे
'A' matra followed by anuswar, forms chandrabindi.	कॅ + ं = कँ
'u' vowel followed by poonch (Q) creates 'oo' vowel.	उ + Q = ऊ
'pa' consonat followed by poonch (Q) creates 'pha' consonant.	प + Q = फ
'ra' consonat followed by poonch (Q) creates 'roo'.	र + Q = रू
'rakar' is typed after a consonant/conjunct.	कि + rakar = क्रि क्र + rakar = क्रि
'Reph' is typed after any consonant or conjunct.	क + reph = कर्क कि + reph = कर्कि न्कि + reph = न्किर्कि
'i' matra is typed AFTER of consonant or conjunct.	क + ि = कि म् + क + ि = म्कि न् + त्र + ि = न्त्रि
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Webdunia Keyboard



Keyboard Rules

Special Combinations	
'Reph' is typed after any consonant or conjunct.	क + reph = कॅ कि + reph = किं न्कि + reph = न्किं
'i' vowel followed by reph, creates 'ee' vowel.	इ + reph = ई
'a' vowel followed by 'aa' matra creates 'aa' vowel.	अ + ा = आ
'aa' vowel followed by 'ei' matra, creates 'au' vowel.	आ + ै = औ
'a' vowel followed by 'O' matra, creates 'O' vowel.	आ + ॅ = ऑ
'i' matra is typed ahead of consonant or conjunct.	ि + क = कि ि + फ + क = म्कि ि + न + त्र = न्त्रि
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

Marathi Anglo-Nagari



Keyboard Rules

If Caps Lock is ON (without Shift)		
Key	Output	Comment
2	श्	Half sha
0	ँ	Chandra
-	--	Double Hyphen
E	े	Matra
R	reph	Reph
T	ट	Ta
U	ू	oo matra
I	ै	ei matra
O	ौ	ou matra
A	ँ	A matra
S	ष	Sha
D	ड	Da
N	ं	Anuswar
/	/	Forward slash
.	ं	Nukta
!	ं	Chandrabindi
_	--	---

If Caps Lock is ON (with Shift)		
Key	Output	Comment
e	ए	e Vowel
r	Eyesh RA	Eyesh RA
t	ठ	Tha
u	ऊ	uu Vowel
i	ऐ	ai vowel
o	औ	au vowel
a	s	Avgraha
s	श	sha consonant
d	ड	Dha consonant
:	ः	Visarg
n	ँ	Chadra Bindi
?	÷	Divide Sign
>	ं	Nukta

Special Combinations	
Esc + any key is equivalent to Shift key +same key with Caps Lock ON	
'i' matra is typed ahead of consonant or conjunct.	ि + क = कि
Vowel अ followed by 'a', creates vowel आ.	अ + a = आ
Any consonant followed by 'R' creates rakar form of the consonant.	क + R = क्र
Any consonant followed by 'R' (Caps ON) creates reph form of the consonant.	क + R (CAPS ON) = कै
Vowel आ followed by 'A' (Caps ON), creates vowel आँ.	आ + A = आँ
If any consonant + aa matra is followed by 'A' (Caps ON), 'O' matra is formed.	का + A = काँ
Vowel अ followed by 'A' (Caps ON), created vowel अँ	अ + A = अँ
If any consonant is followed by 'A' (Caps ON), A matra is formed.	क + A = कै
क,ख,ज,ग,ड,ढ,फ followed by fullstop (Caps ON), create equivalent Nukta forms - क्,ख्,ज्,ग्,ड्,ढ्,फ् .	क + . (CAPS ON)= क्
To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON	
To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF	

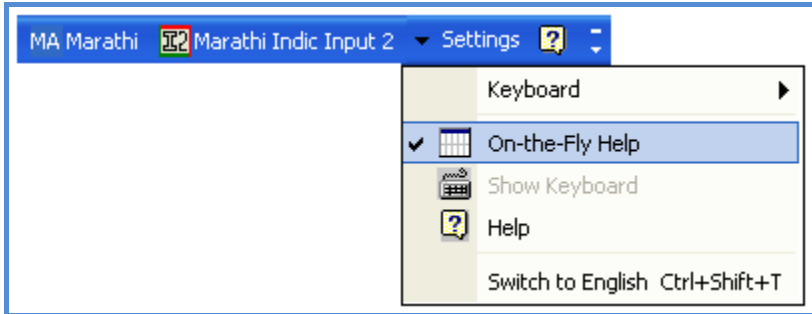
Tool Setting Options

On-the-fly Help

Tool provides the simplest way to type text by using on-the-fly Help. As the user starts typing using transliteration keyboard, he can see the respective letters in selected Indian Language with various matra combinations.

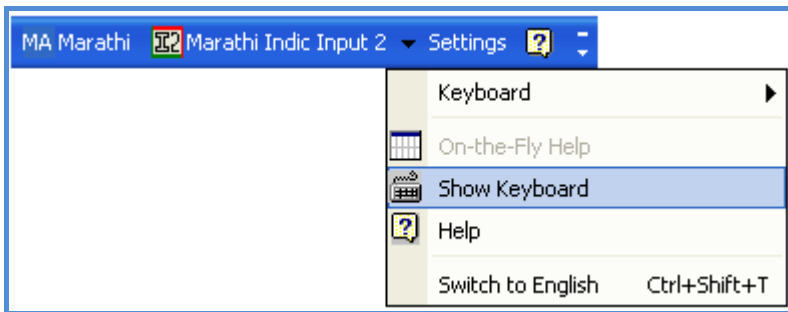
To activate this feature select **On-the-Fly Help** from **Settings** Menu.

k: क kh: ख K: क Kh: ख kSh: क्ष																	
k	ka	kaa	ki	kee	ku	koo	ke	kai	ko	kau	k^	kH	kM	kO	kA	kR	kra
क्	क	का	कि	की	कु	कू	के	कै	को	कौ	कं	कः	कॅ	काँ	कैं	कृ	क्र



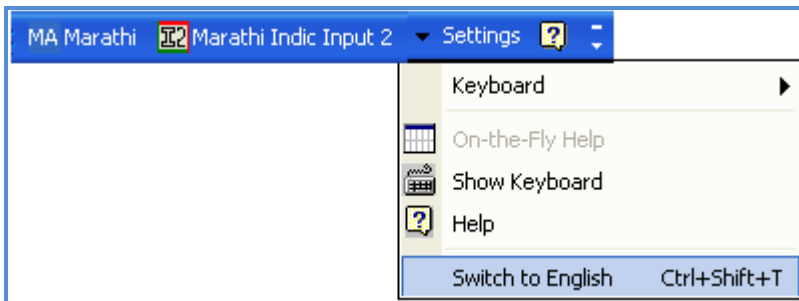
Show Keyboard

To view any keyboard (except Phonetic) select **Show Keyboard** option from **Settings** Menu.



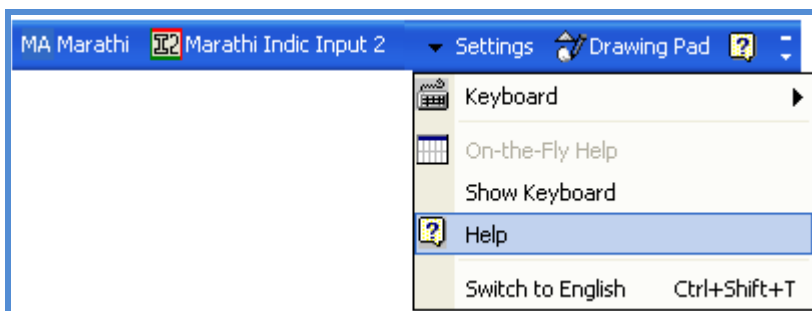
Switch to English

To switch to English Language, select **Switch to English** option from **Settings** Menu or use shortcut key Ctrl+Shift+T.



Help

To view help on Marathi Indic Input 2 tool, select **Help** from **Settings** Menu.



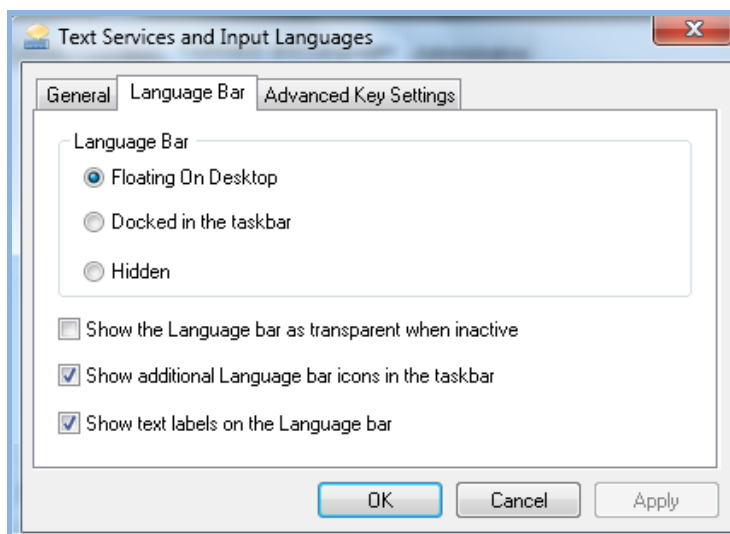
Troubleshooting

1. How can I make Language bar visible on my PC?

Right-click your Desktop taskbar, and point to **Toolbars**. See is **Language bar** selected, if not click on it to select. If Language bar is no longer listed in the toolbar menu try below steps:

VISTA/WINDOWS 7

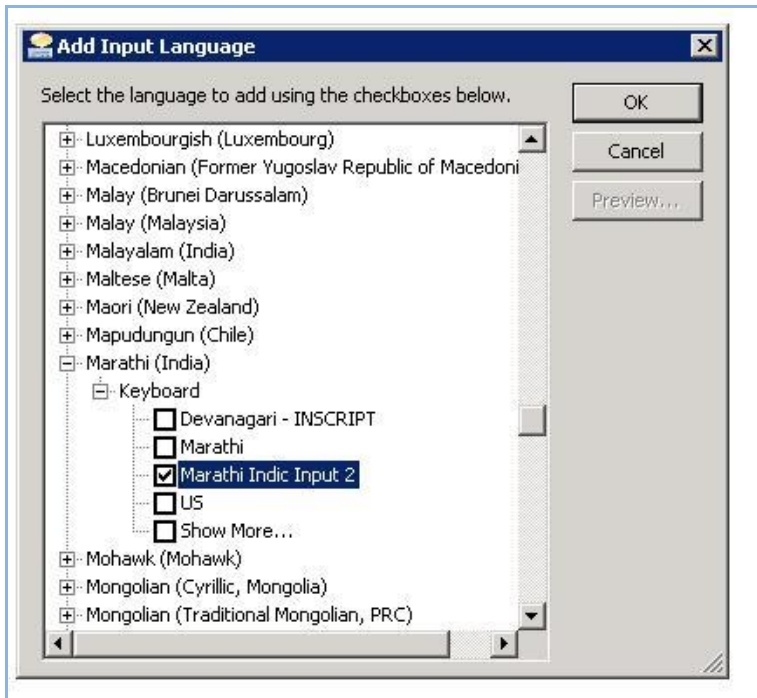
- Go to **Control Panel > Regional and Language Options > Keyboards and Languages (tab) > Change Keyboards > Language Bar**
- Select radio button **Floating on Desktop** or **Docked in the taskbar**.
- Click **OK**.



2. How can I add Marathi Indic Input 2 on my Language bar?

VISTA/WINDOWS 7

- Go to **Control Panel > Regional and Language Options > Keyboards and Languages (tab) > Change Keyboards > General**.
- Click **Add** button, Select the Language (Marathi) and under Keyboard section check the box titled **Marathi Indic Input 2**.
- Click **OK**.



3. I do not want Marathi Indic Input 2 as the default input method for my PC. What can be done?

VISTA/WINDOWS 7

- Go to **Control Panel > Regional and Language Options > Keyboards and Languages (tab) > Change Keyboards > General**

Check both:

- ✓ You have not selected Marathi as your **Default Input Language**.
- ✓ You have not selected Marathi Indic Input 2 as an input method in Language bar.

To Uninstall Marathi Indic Input 2

Follow the steps below to uninstall the tool.

1. Open Windows **Control Panel**->>**Add/Remove Programs** to remove the program(s).
2. Select **Marathi Indic Input 2** and click **Remove** button.
3. You will be prompted by a confirmatory message. Select **Yes** to remove the tool completely.

Note: It is recommended to close all running applications before uninstalling the Marathi Indic Input 2 Tool.