# Oriya Indic Input 3 - User Guide

## Contents

# 1. What is Oriya Indic Input 3?

Oriya Indic Input 3 provides a very convenient way of entering text in Oriya Language using the English QWERTY keyboard in any editing application (Office Application/WordPad /Notepad) that supports Text Services on Windows XP and above. Oriya Indic Input 3 tool will be packaged as a setup and running the setup will invoke the services. The tool supports all popular keyboard layouts.

## 1.1.   System Requirements

Windows Vista
Windows 7
Windows 8

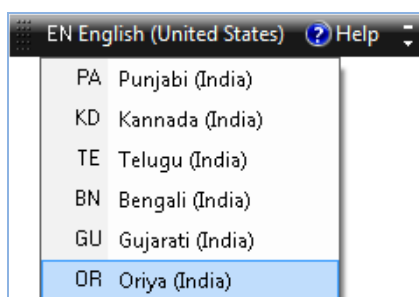*Tool is compatible with equivalent 64-bit Operating Systems mentioned above.

# 2. To Install Oriya Indic Input 3

Installation of the Oriya Indic Input 3 is a very easy process that takes less than two minute to complete.
Run or double click **Oriya Indic Input 3** Setup**.**  The setup wizard will guide you through the installation process. Once the installation process is complete, **Oriya Indic Input 3 has been successfully installed** will be displayed.
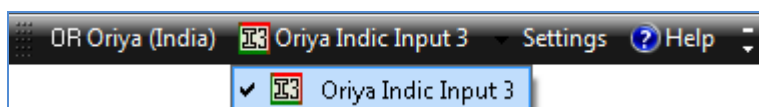
**Note:**  On Windows Vista, Windows 7 and Windows 8, if your user login does not have administrative privileges or is not included in the user group of administrators right click the "Setup.exe" icon and select "Run as Administrator".

# 3. To Use Oriya Indic Input 3

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. Select **OR-Oriya (India)** for Windows 7/ Vista and **HI-Hindi** for Windows XP.
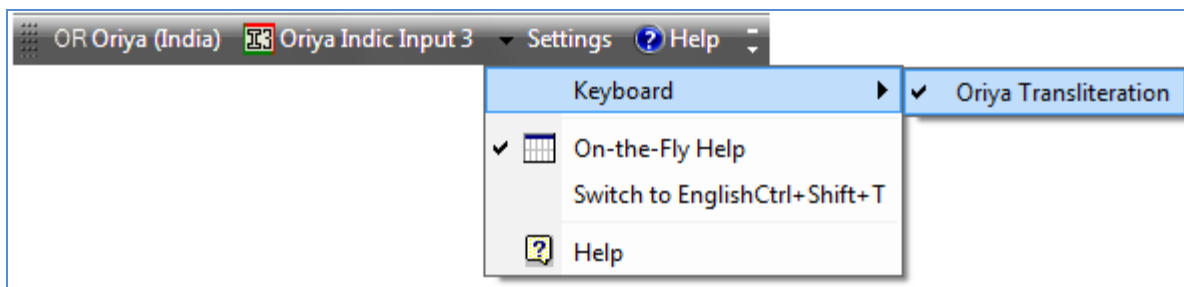


3.   Select **Oriya Indic Input 3** from the shortcut menu that appears. The PC is now ready to start typing in Oriya.



**Note:** If you are unable to view Language bar on your PC Click Here.

# 4. Supported Keyboards

Oriya Indic Input 3 supports various types of Keyboards. Click **Settings** Icon and select **Keyboard**. Choose keyboard layout of your choice form list of available keyboards.



## 4.1.    Oriya Transliteration

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

### 4.1.1.    Keyboard Rules

| Vyanjan (Consonants) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| କ | ka | ଖ | kha | ଗ | ga | ଘ | gha | ଙ | Nga |
| ଚ | cha | ଛ | chha | ଜ | ja | ଝ | jha | ଞ | Nja |
| ଟ | Ta | ଠ | Tha | ଡ | Da | ଢ | Dha | ଣ | Na |
| ତ | ta | ଥ | tha | ଦ | da | ଧ | dha | ନ | na |
| ପ | pa | ଫ | pha | ବ | ba | ଭ | bha | ମ | ma |
| ୟ | Ya | ଯ | ya | ର | ra | ଲ | la | ଳ | La |
| ଵ | va | ଓ | wa | ଶ | sha | ଷ | Sha | ସ | sa |
| ହ | ha | କ୍ଷ | kSha | ଜ୍ଞ | Gya | ଡ଼ | D_a | ଢ଼ | Dh_a |

| Swar (Vowels) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ଅ | a | ଆ | aa | ଇ | i | ଈ | ee | ଉ | u |
| ଏ | e | ଐ | ei | ଓ | o | ଔ | au,Au | ଋ | R |

| Examples | |
|---|---|
| Input | Output |
| ekaanata | ଏକାନ୍ତ |
| eesha | ଈଶ |

### Matras

| ○ା | aa | ○ି | i | ○ୀ | ee,ii,I | ○ୁ | u | ○ୂ | oo,uu,O | ○ୃ | R |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ୋ | e | ୋ | o | ୌ | au,ou | | | | | | |

### Examples

| Input | Output |
|---|---|
| kaahaaNee | କାହାଣୀ |
| komaLa | କୋମଳ |

### Anuswara, Visarga and Chandrabindi

| ଅଂ | a^ | ଅଃ | aH | ଅଁ | aM |
|---|---|---|---|---|---|

### Examples

| Input | Output |
|---|---|
| sa^khYaa | ସଂଖ୍ୟା |
| duHsaadhYa | ଦୁଃସାଧ |
| keuMThaare | କେଉଁଠାରେ |

### Conjuncts

| ନ୍ଦ | ndha | ମ୍ପ | mpa | ଦ୍ଧ | ddha | ନ୍ଥ | ntha | ସ୍ଥ | stha |
|---|---|---|---|---|---|---|---|---|---|
| ଉ | tta | ଞ୍ଚ | Njcha | ବ୍ଦ | bda | ସ୍ତ୍ର | stra | ଙ୍କ | NNa |

### Examples

| Input | Output |
|---|---|
| bishuddha | ବିଶୁଦ୍ଧ |
| manthana | ମନ୍ଥନ |

### Explicit Halant Example:

| Input | Output |
|---|---|
| Chak~chak~ | ଚକ୍ଚକ୍ |
| pashchaat~ | ପଶ୍ଚାତ୍ |

### Special Rules

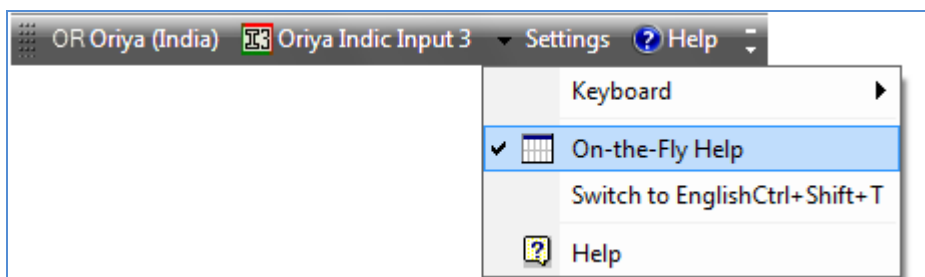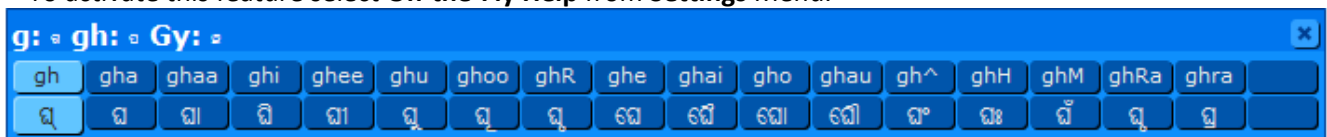| Special Rules | |
|---|---|
| If capital 'M' or capital 'H' or caret '^' appear after conso, vowel or matra map them to 'chandrabindi', ' visarga ' or 'anuswar'. Exceptional case: If capital 'M' or capital 'H' come at the start of a word it should be interpreted as small case 'm' and 'h'. | |
| If 'R' is followed by 'i', 'a' or 'u', ignore matra as 'R' stands for Ra (Rishi). | RiShi (ରଷି) |
| If 'n' is followed by a consonant, replace it with anuswar. | sankhYaa (ସଂଖ୍ୟା) |
| Character '~' can be used to generate explicit halant and preventing the formation of conjuncts. | |

| | |
|---|---|
| Character '_' (underscore) can be used to generate explicit half consonants and preventing the formation of conjuncts. | |
| To type Roman Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key ON. | 1, 2, 3, .9, 0. |
| To type Lingual Numerals (Numbers), use the Numpad Keys of the Keyboard with Caps Lock Key OFF. | ୦, ୧, ୨, ୩, ୪, ୫, ୬, ୭, ୮, ୯ |

# 5. Tool Setting Options

## 5.1.   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.
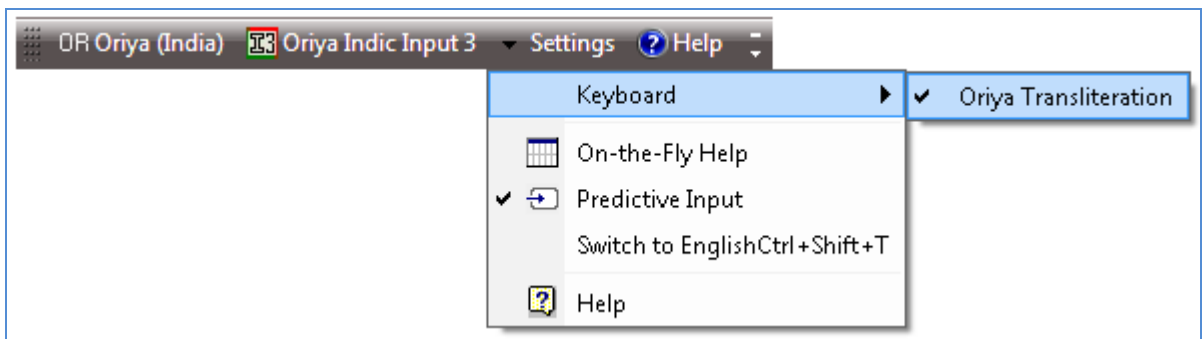




## 5.2.   Predictive Help

Tool provides a simplest way to type text using predictive help. On each key press a suggestion list opens and user can select suitable word with the help of up and down arrow keys. The selected word can be replaced using the space or enter key.
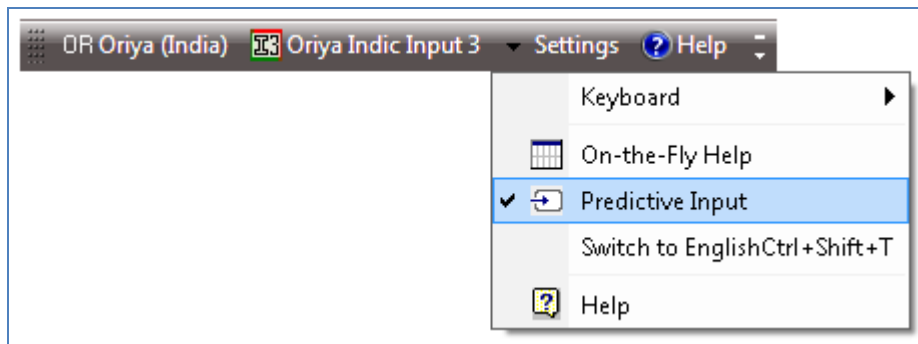
### 5.2.1.   Enable Predictive List

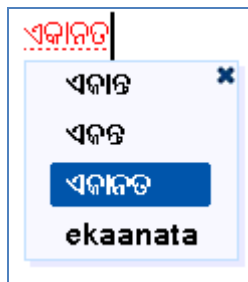To activate this feature follow below listed steps:

1.   Select **Keyboard** from **Settings** Menu.
2.   Check **Oriya Transliteration**.

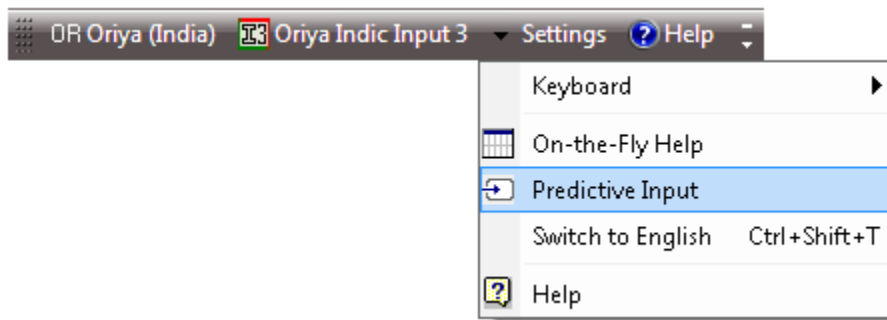3.  Check **Predictive Input** option under **Settings** drop down.



4.  As any text or input key will be pressed predictive text will appear in drop down.



### 5.2.2.  Disable Predictive List

There are two ways to deactivate this feature:
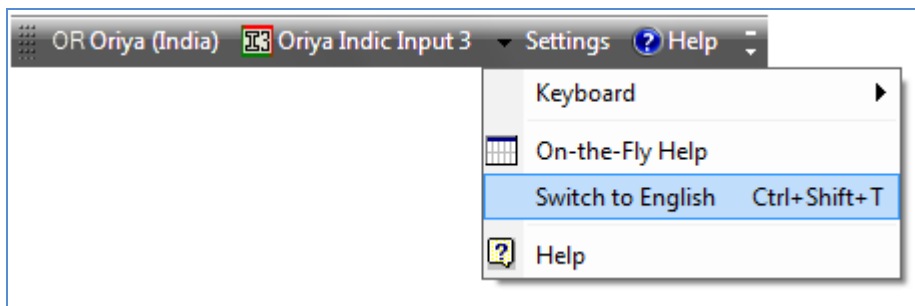1.  Uncheck **Predictive Input** option under **Settings** drop down.

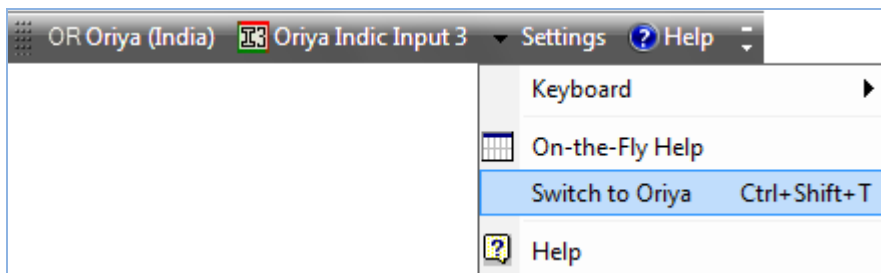2.  Click Close Button on Predictive Window



## 5.3.  Switch to English/Oriya

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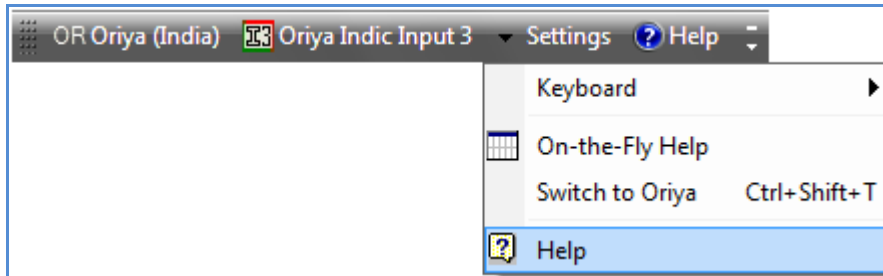


To switch to Punjabi Language again, select **Switch to Oriya** option from **Settings** Menu or use shortcut key Ctrl+Shift+T.

## 5.4. Help

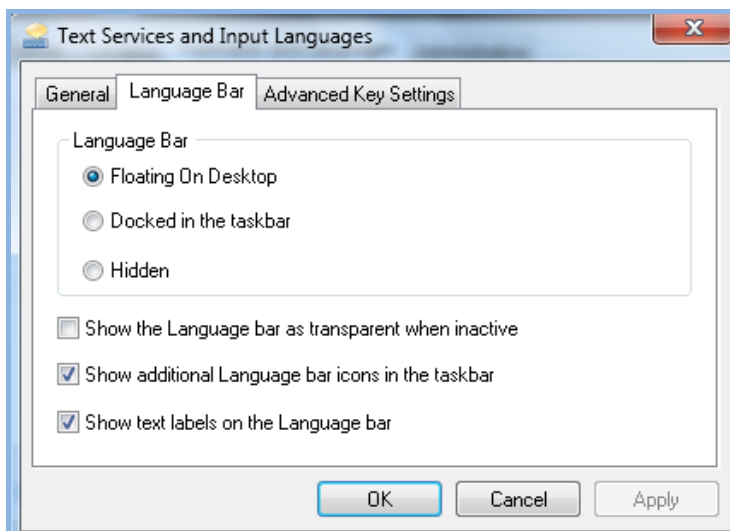To view help on Oriya Indic Input 3 tool, select **Help** from **Settings** Menu.



# 6. 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:
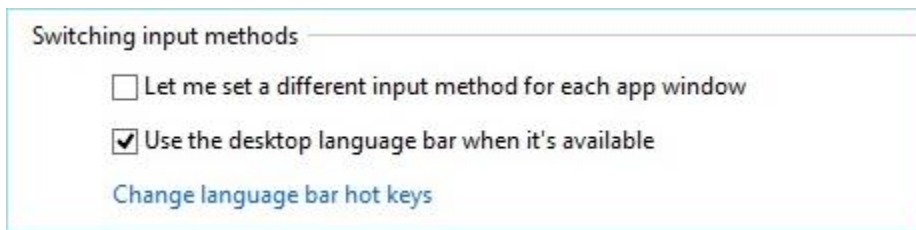
   **VISTA/WINDOWS 7**

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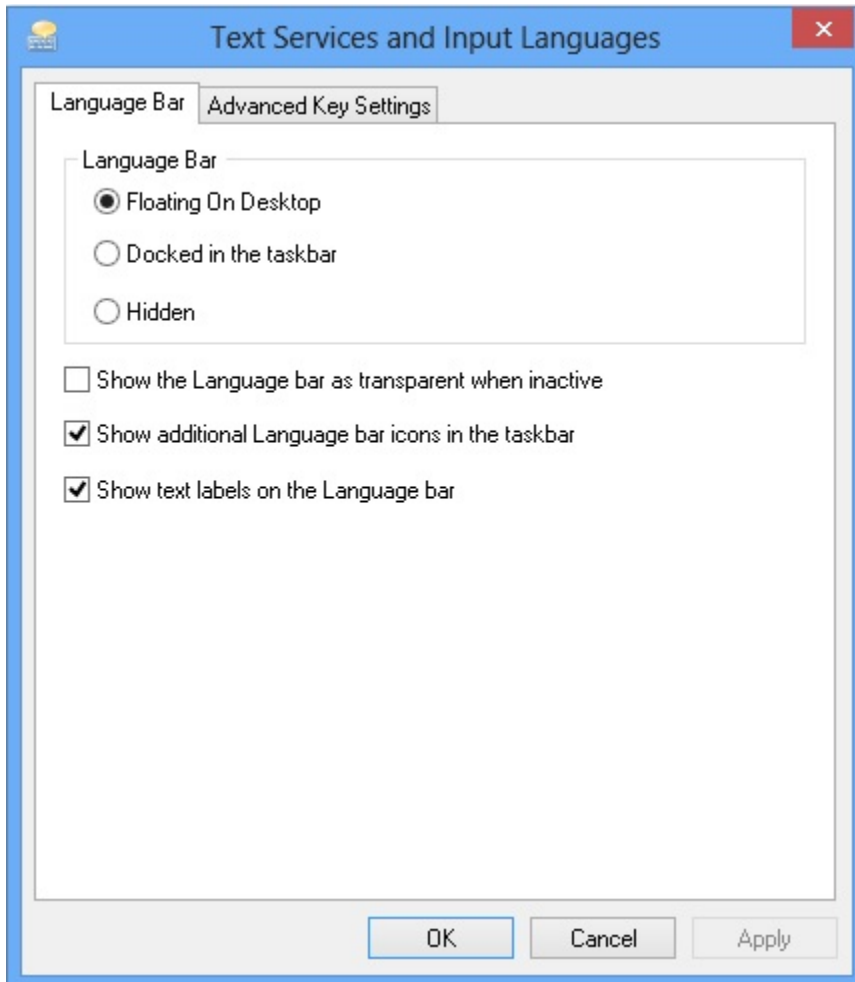   C. Click **OK**.



   **WINDOWS 8**

   A. Go to **Control Panel > Language Options > Advanced settings.**
   B. Check the box for "Use the desktop language bar when it's available" under **Switching input methods** section.

Switching input methods

☐ Let me set a different input method for each app window

☑ Use the desktop language bar when it's available

Change language bar hot keys

C. Click on "**Change language bar hot keys**" link.
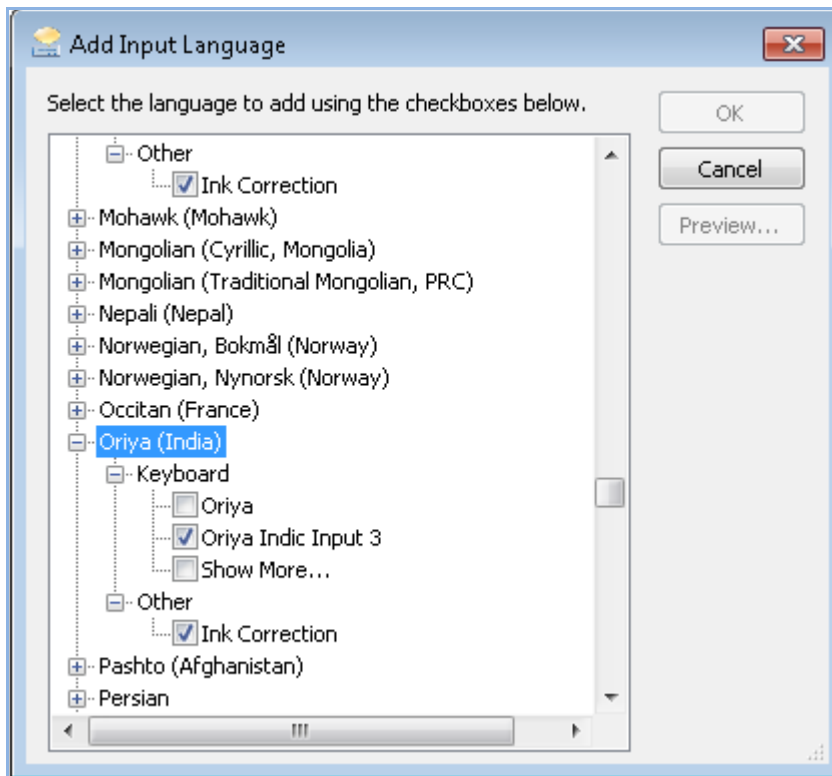  - Select radio button **Floating on Desktop** or **Docked in the taskbar.**
  - Click **OK**.



D. Click on **Save** button.

**2. How can I add Oriya Indic Input 3 on my Language bar?**

**VISTA/WINDOWS 7**

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



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B.   Click **Add** button, Select the Language (Oriya) and under Keyboard section check the box titled **Oriya Indic Input 3**.
C.   Click **OK**.



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

**VISTA/WINDOWS 7**

A.   Go to **Control Panel > Regional and Language Options > Keyboards and Languages (tab) > Change Keyboards > General**
B.   Check both:
   ✓   You have not selected Oriya as your **Default Input 3Language**.
   ✓   You have not selected Oriya Indic Input 3 as an Input 3method in Language bar.

# 7. To Uninstall Oriya Indic Input 3

Follow the steps below to uninstall the tool:
1.   Open Windows **Control Panel→→Add/Remove Programs** to remove the program(s).
2.   Select **Oriya Indic Input 3** 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 Oriya Indic Input 3 Tool.