

## Enabling your computer for Hindi typing (Windows XP)

1. Go to **Start**.
2. Select **Control Panel**.
3. Select **Regional and Language Options**.
4. Select the **Language** tab.
5. Select **Install files for complex script and right to left languages (including Thai)**. For this step, the computer may ask for Windows XP installation CD. So keep it ready.
6. After the files have been installed, click on **Details** in the same Language tab of Regional and Language Options.
7. In **Settings**, click on the button **Add**.
8. Click on the **Input Languages** drop down menu and select **Hindi** from it.
9. Click OK.
10. Click **Apply** in the Settings page.

Now you have added Hindi support to your computer. If you look at the task bar of your computer, you will see an additional button called Language Bar. If you click on it, it will show all the languages that your computer currently supports. It should now also show Hindi.

**To switch between English and Hindi mode**, use the key combination **Alt + Shift**.

For example, if you are typing this line and then you press Alt+Shift you will start typing in Hindi like this वक् कराकर् कर तकरादर चच. To switch back to English, again press Alt+Shift.

## Key board layout of Mangal (or any Unicode Hindi font like Arial Unicode MS)

### Normal Position

First line of keyboard (the number line) from left to right

Mangal		1	2	3	4	5	6	7	8	9	0	-	ॠ	ॉ
English	`	1	2	3	4	5	6	7	8	9	0	-	=	\

### Second Line

Mangal	ौ	ै	ा	ी	ू	ब	ह	ग	द	ज	ड	ॠ
English	q	W	E	R	T	Y	U	I	O	P	[	]

### Third Line

Mangal	ो	े	्	ि	ु	प	र	क	त	च	ट
English	a	s	d	f	g	h	j	k	l	;	'

### Fourth Line

Mangal		ं	म	न	व	ल	स	,	.	य
English	z	x	c	v	b	n	m	,	.	/

### Shift Position

#### First Line

Mangal		ँ	ँ	्र	र्	ज्ञ	त्र	क्ष	श्र	( )	ः	ऋ	ऑ
English	~	!	@	#	\$	%	^	&	*	( )	_	+	

#### Second Line

Mangal	औ	ऐ	आ	ई	ऊ	भ	ड	घ	ध	झ	ढ	ञ
English	Q	W	E	R	T	Y	U	I	O	P	{	}

#### Third Line

Mangal	ओ	ए	अ	इ	उ	फ	र	ख	थ	छ	ठ
English	A	S	D	F	G	H	J	K	L	:	"

#### Fourth Line

Mangal		ँ	ण	न	व	ळ	श	ष	।	य
English	Z	X	C	V	B	N	M	<	>	?

## Characteristics of the above keyboard

1. All the matras (ौाीूेु) are on the left half of the keyboard in normal position..
2. All the vowels are on the left half of the keyboard in shift position at the same position as their matras.
3. All the soft consonants (कपगदजetc) are on the right half of the keyboard in normal position.
4. All the hard consonants (खफघधझ etc) are on the right half of the keyboard in shift position at the same place as the corresponding soft consonant.

Because of the above scientific arrangement of key positions, it is very easy to learn this keyboard. You need to know the key position of only half of the symbols; the rest can be accessed at the same place in the shift mode.

## Typing combined letters like ढ, ञ, ह्न etc.

1. Type the first letter.
2. Type the joining symbol, which is at the position of 'd' in normal position. It looks like this्.
3. Now type the second letter. The two letters will automatically join to generate the combined form.

### Example:

To type ढ

Type द + ं + ध = ढ