

ISIS• Indian Scripts Input System: Gurmukhī Keyboard Layout

Gautam Sengupta, University of Hyderabad

Vowels

Character	Keys pressed	Comments
ਅ ~ ਆ	a (toggle key)	But, gets you an ਾ̣ (matra) after a consonant
ਆ	aa or A	
ਇ ~ ਈ	i (toggle key)	
ਈ	I (shift i)	
ਉ ~ ਊ	u (toggle key)	
ਊ	U	
ਏ ~ ਐ	e (toggle key)	
ਐ	E	
ਓ ~ ਔ	o (toggle key)	
ਔ	O (Shift-o)	
ਂ ਁ `	` (toggle key)	k` > ਕੰ k`` > ਕੱ k''' > ਕ'
ੜ	H (toggle key)	
ੱ `	Apostrophe (toggle)	k' > ਕੱ
ੜ ~	Shift ` (toggle key)	

Consonants

Character	Keys pressed	Character	Keys pressed
ਕ	k	ਦ	d
ਖ	kh	ਧ	dh
ਗ	g	ਨ	n
ਘ	gh	ਪ	p
ਙ	xm	ਫ	ph
ਚ	c	ਬ	b
ਛ	ch	ਭ	bh
ਜ	j	ਮ	m
ਝ	jh	ਯ	y
ਞ	xn	ਰ ੜ	r R
ਟ	T	ਲ	l
ਠ	Th	ਲ਼	L
ਡ	D	ਵ	v
ਢ	Dh	ਸ਼	sh
ਣ	N	ਸ	s
ਤ	t	ਹ	h
ਥ	th	ੴ	M
◌ੰ	\ (soft virama)*	◌ੰ [ZWNJ]	\\ (hard virama)*

*A soft virama between two consonants makes a conjunct, whenever possible. A hard virama is *always* displayed as a virama.

Diacritics, Nukta etc.

Key(s)	Character Inserted
Ctrl+. or x .	Nukta, e.g. k Ctrl+. > क̣ g Ctrl+. > ग̣ j Ctrl+. > ज̣
q	क̄ (same as k Ctrl - .)
K	ख̣ (precomposed single character U+0A59)
G	ग̣ (precomposed single character U+0A5A)
z	ज̣ (precomposed single character U+0A5B)
f	झ̣ (precomposed single character U+0A5E)

Special keys

Key(s)	Utility
X	This key performs several crucial functions. It is used to <ol style="list-style-type: none">prevent merger of contiguous characters e.g. k x i gives क्खि while k i gives कि ; k x h gives क्खह while k h gives क्खtype certain nasal consonants e.g. x m gives म् and x n gives न्
/	This key is used for typing conjoined consonants or <i>yuktavarnas</i> and <i>matras</i> .Just type in the constituent consonants and then press / to get the conjoined form, or a full vowel followed by / to get the corresponding vowel sign or <i>matra</i> . e.g. t r / gives त्र; t y gives त्र्य; i / > ि
Ctrl+/	This key combination does the opposite of joining, i.e. it splits up joined consonants, changes <i>matras</i> to full vowels e.g. त्र Ctrl+/ gives त्र, िCtrl+/ gives ि