

## APIs available on Samsaadhanii website:

### A) Noun Form Generator

Usage:

[http://sanskrit.uohyd.ac.in/cgi-bin/scl/skt\\_gen/noun/noun\\_gen.cgi?  
rt=rAma&gen=puM&jAwi=nA&level=1&mode=json&encoding=WX&outencoding=Unicode](http://sanskrit.uohyd.ac.in/cgi-bin/scl/skt_gen/noun/noun_gen.cgi?rt=rAma&gen=puM&jAwi=nA&level=1&mode=json&encoding=WX&outencoding=Unicode)

Parameters and their values:

- rt: praatipadikam (to be given in the chosen encoding; list of available encodings is given below)
- gen: napuM, puM, swrl, a (a is used only for अस्मद् and युष्मद्)
- jawi: nA, sarva, saMKyeyam, saMkyA, pUraNam
- level: 1
- mode: json
- encoding: WX, SLP, VH, KH, IAST, Unicode, Itrans
- outencoding: Unicode, IAST

### B) Verb form generator

Usage:

[https://sanskrit.uohyd.ac.in/cgi-bin/scl/skt\\_gen/verb/verb\\_gen.cgi?vb=gam1\\_gamLz\\_BvAxiH\\_ga-  
wO&prayoga\\_paxl=karwari-parasmEpaxl&upasarga=-  
&encoding=WX&outencoding=Devanagari&mode=json](https://sanskrit.uohyd.ac.in/cgi-bin/scl/skt_gen/verb/verb_gen.cgi?vb=gam1_gamLz_BvAxiH_gawO&prayoga_paxl=karwari-parasmEpaxl&upasarga=-&encoding=WX&outencoding=Devanagari&mode=json)

Parameters and their values:

- vb: list is available in scl/js\_files/verb\_gen.js
- prayoga\_paxl: karwari-Awmanepaxl/karwari-parasmEpaxl/karmaNi/Nickarwari-Awmanepaxl/Nickarwari-parasmEpaxl
- upasarga: -/pra/ni/Af/ava/apa/...
- encoding: WX, SLP, VH, KH, IAST, Unicode, Itrans
- outencoding: Unicode, IAST
- mode: json

### C) Kṛt form generator

Usage:

[https://sanskrit.uohyd.ac.in/cgi-bin/scl/skt\\_gen/kqw/kqw\\_gen.cgi?vb=gam1\\_gamLz\\_BvAxiH\\_ga-  
wO&upasarga=-&encoding=WX&outencoding=Devanagari&mode=json](https://sanskrit.uohyd.ac.in/cgi-bin/scl/skt_gen/kqw/kqw_gen.cgi?vb=gam1_gamLz_BvAxiH_gawO&upasarga=-&encoding=WX&outencoding=Devanagari&mode=json)

Parameters and their values:

- vb: list is available in scl/js\_files/verb\_gen.js. (on the GitHub repository)
- upasarga: -,pra,ni,Af,ava,apa,...
- encoding: WX, SLP, VH, KH, IAST, Unicode, Itrans
- outencoding: Unicode, IAST
- mode: json

### D) Sandhi (Joining words)

Usage:

[http://sanskrit.uohyd.ac.in/cgi-bin/scl/sandhi/sandhi\\_json.cgi?word1=rAmAH&word2=AlayaH&encoding=WX&outencoding=Unicode](http://sanskrit.uohyd.ac.in/cgi-bin/scl/sandhi/sandhi_json.cgi?word1=rAmAH&word2=AlayaH&encoding=WX&outencoding=Unicode)

*Parameters and their values:*

- word1 and word2 are the words of which sandhi is expected. These are to be given in the encoding same as the value of the variable encoding.
- encoding: WX, SLP, VH, KH, IAST, Unicode, Itrans
- outencoding: Unicode, IAST

## **E) Sandhi Splitter**

*Usage:*

[https://sanskrit.uohyd.ac.in/cgi-bin/scl/MT/prog/sandhi\\_splitter/sandhi\\_splitter.cgi?word=rAmAlayaH&encoding=WX&outencoding=D&mode=word&disp\\_mode=json](https://sanskrit.uohyd.ac.in/cgi-bin/scl/MT/prog/sandhi_splitter/sandhi_splitter.cgi?word=rAmAlayaH&encoding=WX&outencoding=D&mode=word&disp_mode=json)

*Parameters and their values:*

- Word: a string that needs to be split
- encoding: WX, SLP, VH, KH, IAST, Unicode, Itrans
- outencoding: Unicode, IAST
- Mode: word/sent
- disp\_mode:json

Note: The Mode = word is to be selected, if you want to split just a single word, without any spaces.

## **F) Anusaaraka**

*Usage:*

[https://sanskrit.uohyd.ac.in/cgi-bin/scl/MT/anusaaraka.cgi?encoding=WX&out\\_encoding=Devanagari&splitter=None&parse=FULL&tlang=Hindi&text\\_type=Sloka&compound\\_analysis=YES&mode=json&text=rAmAH%20vanam%20gacCawi](https://sanskrit.uohyd.ac.in/cgi-bin/scl/MT/anusaaraka.cgi?encoding=WX&out_encoding=Devanagari&splitter=None&parse=FULL&tlang=Hindi&text_type=Sloka&compound_analysis=YES&mode=json&text=rAmAH%20vanam%20gacCawi)

*Parameters and their values:*

- encoding:WX, SLP, VH, KH, IAST, Unicode, Itrans
- out\_encoding:Devanagari, IAST
- Splitter:None/manual/best. (select None, if the input is already split)
- parse:FULL (always FULL)
- tlang:Hindi
- text\_type:Prose/Sloka/Vedic
- compound\_analysis=YES/NO
- mode:json

## **G) Morph Analyser**

*Usage:*

<https://sanskrit.uohyd.ac.in/cgi-bin/scl/MT/prog/morph/morph.cgi?morph-word=rAmAH&encoding=WX&outencoding=DEV&mode=json>

*Parameters and their values:*

- encoding:WX, SLP, VH, KH, IAST, Unicode, Itrans
- outencoding: IAST/DEV
- mode:json