

# Indian Heritage Group



## DESIKA

Indian Language renowned for its highly structured grammar described by Sage Panini, millennia ago. Even in modern times, the language has evoked keen interest among Linguists and Computer Scientists for possible clues to Natural Language Understanding (NLU) issues.

*DESIKA* serves the need for an authentic Computer-based package for its study.

*DESIKA* is a comprehensive package for generating and analysing Sanskrit words. It caters to different user communities like Academicians, Students, Researchers, Linguists, Computer Scientists etc.

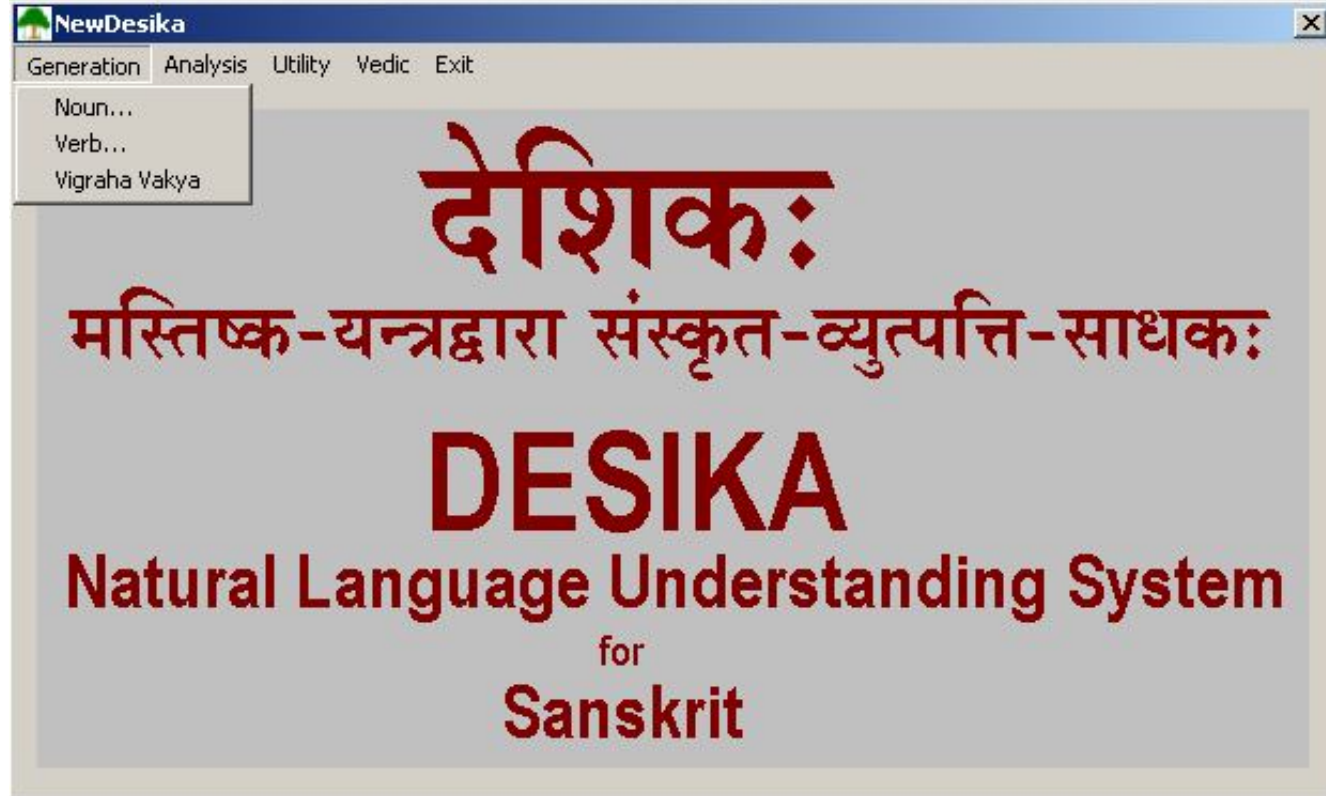
Want to go for grammatical tagging? Dilemma about usage of noun/verbs and its various forms? *DESIKA* is here to help.

Select the word and invoke *DESIKA* to get the noun attributes like paradigm, ending type, noun base, number and case and similarly for verb.

*DESIKA* also generate Euphonic combinations for Vedic and Non vedic words and also help in Syntactic analysis of the Sanskrit sentence.

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## DESIKA Application



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Noun Generation Options

Enter  
Choose  
Append  
Delete

Pratipadikam राम  
Gender पुल्लिंगः  
Paradigm राम

१ रामः - वृक्षः, नरः, पूर्वः, परः, अवरः, उत्तरः, अपरः  
'पूर्वपरावरदक्षिणोत्तरापराधराणि व्यवस्थायामसंज्ञायाम्'  
इति सूत्रस्यानन्वये सति सर्वनामसंज्ञाऽभावः, सर्वः (

Noun Generation using  
DESIKA software

Noun Generation

अ कारन्तः पुल्लिंगः राम शब्दः (राम प्रकार)

	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमा	रामः	रामौ	रामाः
द्वितीया	रामम्	रामौ	रामान्
तृतीया	रामेण	रामाभ्याम्	रामैः
चतुर्थी	रामाय	रामाभ्याम्	रामेभ्यः
पंचमी	रामात्	रामाभ्याम्	रामेभ्यः
षष्ठी	रामस्य	रामयोः	रामाणाम्
सप्तमी	रामे	रामयोः	रामेषु
संबोधन	राम	रामो	रामाः

OK

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Verb Generation Options

Search

Conjugation (Gana)

Usage (Padi)

Transitivity (Karma)

Indicator (Ith)

Enter Dhatu पठ

Select Dhatu पठ

Choose Mode केवल तिङन्तः

Select Tense लट् लकारः

Next

Generate verb for all tense, mode.

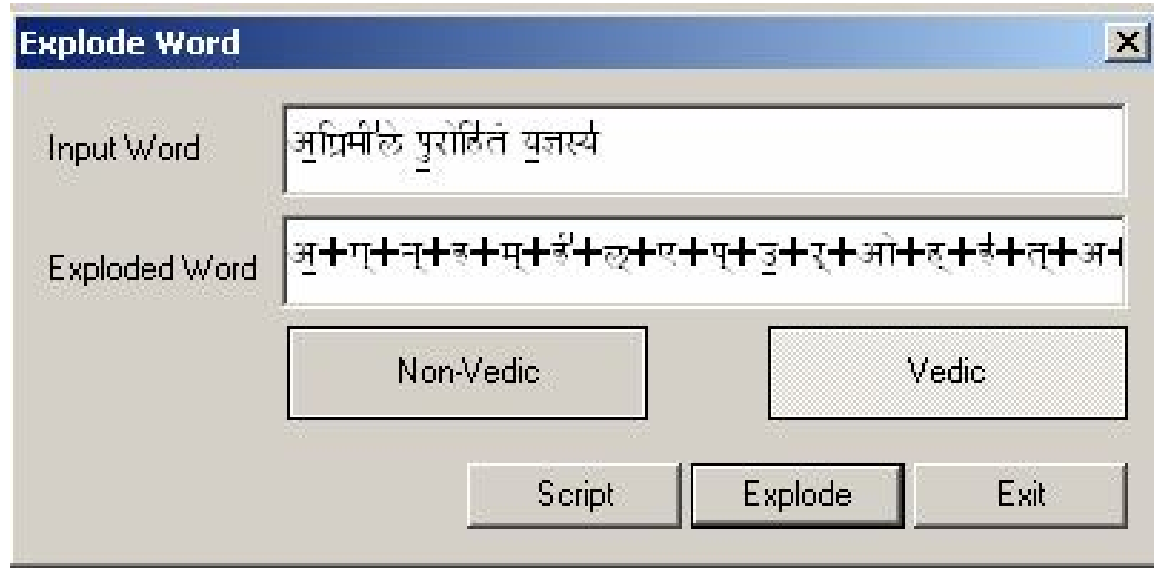
Verb Generation

पठ धातु भ्रादि गण सकर्मकः परस्मै पदि सेट् लट् लकारः

	एकवचन	द्विवचन	बहुवचन
प्रथम	पठति	पठतः	पठन्ति
मध्यम	पठसि	पठथः	पठथ
उत्तम	पठामि	पठावः	पठामः

Prev Next Button1 Script OK

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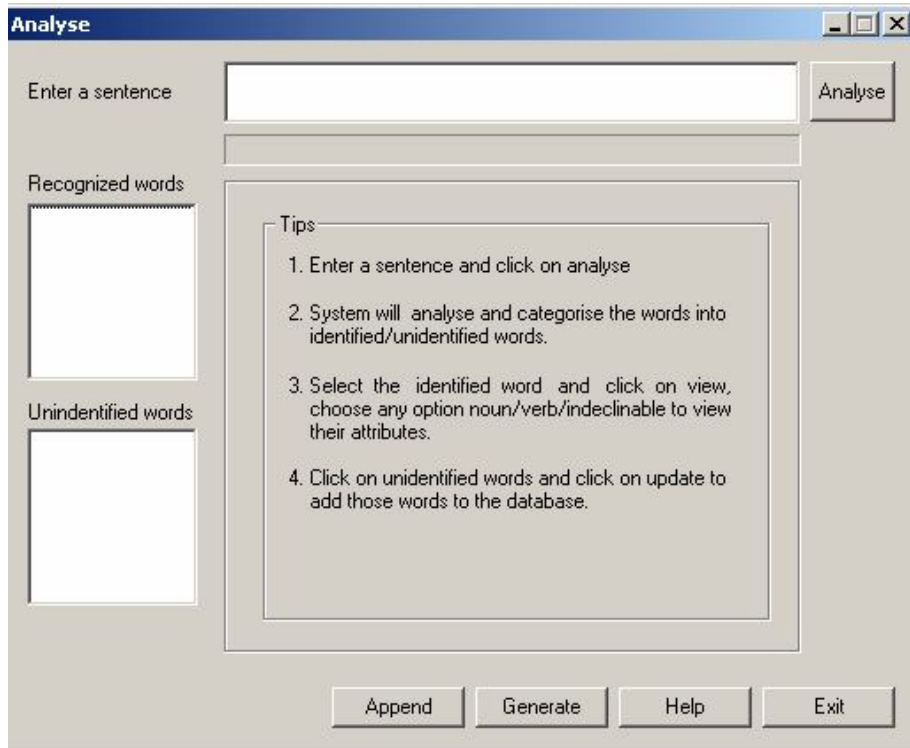
Explode Vedic and Non-Vedic words.

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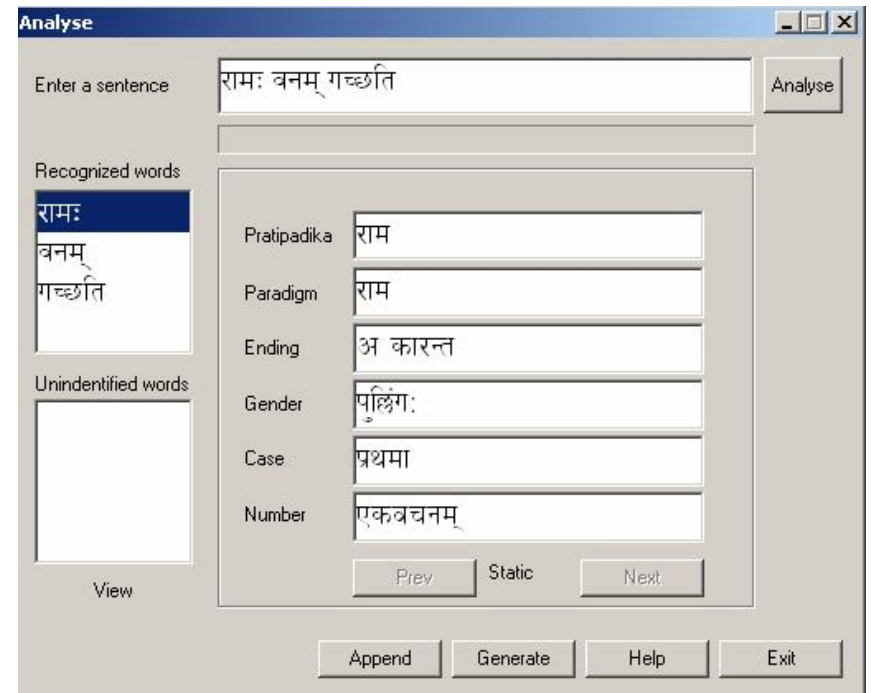


Euphonic Combinations (Sandhi) using DESIKA

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Enter a sentence and get grammatical analysis of words in the sentence



Syntactic Analysis using DESIKA