

Development and evolution of Sanskrit Wordnet

This is a project funded by Linguistic data consortium for Indian languages (LDC-IL). Sanskrit Wordnet is an online multipurpose multi-linked Thesaurus. It gives different relations between synsets or synonym sets which represent unique concepts. We have created synsets across various parts of speech (POS) namely, nouns, verbs, adjectives and adverbs.

Development and Evolution of a Sanskrit WordNet would lead to making Sanskrit as the Indian Link language. This will make use of the Indian traditional work on ontology like *Amarkosha*.

Using 'Expansion' approach, the creation of Sanskrit synsets using the already created synsets in the Hindi WordNet was started.

Number of synsets created in this Sanskrit Wordnet	35575
Number of unique words	53708
Number of synsets linked to the Hindi Wordnet	23815

The screenshot displays the Sanskrit WordNet website. At the top, there is a header with the text "सं गिरं चिनुयाम।" and "संस्कृतशब्दबन्धः Sanskrit WordNet". Below this, a navigation bar includes links for "Sanskrit Wordnet", "Search", "Wordnets", "Downloads", "Feedback", "Help", and "Login". The main content area shows the word "ईश्वर" (Ishvara) with 8 senses found. The first sense is "ईश्वरः, परमेश्वरः, परेश्वरः, परमात्मा, देवः, अमरः, विबुधः, अनिलिषः, अजरः, चिरायुः, सुचिरायुः, अमवान्, सर्वस्रष्टा, धाता, विधाता, जगत्कर्ता, विश्वसृजः, भूतादिः, परब्रह्म, ब्रह्म, जगदात्मा, हम्, स्कम्भः, सूक्ष्मः, सर्वेशः, सर्वसाक्षी, सर्वविदुः, श्वाश्वेतसम्, शब्दातीतः". Below this, there are sections for "Relations and Languages" and "अमवान्, देवः, देवता, देवतम्". The second sense is "देवः, देवता, सुरः, अमरः, निर्जरः, त्रिदशः, सुपर्वा, सुमनाः, त्रिदिवेशः, दिवोकाः, आदित्याः, दिविपत्, लेखः, अदिमिन्दलः, ऋषिः, अमर्त्यः, अमृतान्धाः, बहिर्मुखा, क्रतुमुक्, गोर्वाणः, वृन्दारकः, दनुजारिः, आदित्यः, विबुधः, सुचिरायुः, अस्वप्नः, अनिलिषः, दैत्यारिः, दानवारिः, शोभिः, निलिम्पः, स्वाबाधुक, दनुजद्विष्ट, दनुषत, दीपत, स्वर्गी, स्थिरः, कविः". Below this, there are sections for "Relations and Languages" and "अमवान्, देवः, देवता, देवतम्". The third sense is "पादः, रसरानः, रसनाथः, महारसः, रसः, महातेजः, रसलेहः, रसोत्तमः, सूत्राट, चपलः, जैत्रः, रसेन्द्रः, शिवबीजः, शिवः, अमृतम्, लोकेशः, दुर्धरः, प्रभुः, रुद्रजः, हरतेजः, रसधातुः, पातुविशेषः, क्षामिकुलनाथकः, अजयुक्तः, रसमयः, धातुः". Below this, there are sections for "Relations and Languages" and "अमवान्, देवः, देवता, देवतम्". The fourth sense is "मूर्तिः, अर्घः, देवः, देवता, देवप्रतिकृतिः, प्रतिमा, देवप्रतिमा, देवताप्रतिमा, सुरः". Below this, there are sections for "Relations and Languages" and "अमवान्, देवः, देवता, देवतम्".