Introduction

STJB is an organization dedicated to development of Indian language software products.

Products:

Ganaka Vachana Samputa—A unique software on the Vachana Literature of 12th century AD in Karnataka (the Kannada speaking State in the Southern part of India). The great socio-religious leader of the times was Basavanna who fought against social inequalities, caste system and advocated religious freedom. The present version consists of his sayings called Vachanas and also of his contemporaries namely, Akkamahadevi, Allamaprabhu, Siddharama and Channabasavanna (fifty Vachanas each) in the original Kannada script with roman transliteration and search capabilities. English translation is made available for the Vachanas of Basavanna and Akkamahadevi only.

Ganakastadhyayi—A unique software on Sanskrit Grammar based on the Sutras of Panini. The software, Ganakastadhyayi, derives its name from the original treatise namely, Ashtadhyayi. ‘Ganaka’ means computer and ‘Ganakastadhyayi’, therefore, means computer software on Ashtadhyayi.

Ashtadhyayi is a well-known treatise on Sanskrit grammar written by the great sage, Panini, who lived as early as 5th century BC. The original work comprises about 4,000 Sutras (each Sutra not exceeding the length of a normal sentence and many Sutras are even shorter than a phrase or a word) and is known for its brevity and for its scientific exposition of the science of language. It explains the entire Sanskrit grammar in a very scientific manner and is unparalleled in the history of books on grammar available in any language.

This unique software on Sanskrit Grammar is carefully developed for the use of Sanskrit students and for scholars as well, by no other person than a religious head namely, Dr Shivamurthy Swamiji of Sri Taralabalu Jagadguru Brihanmath, Sirigere (Karnataka). The Swamiji did his doctoral studies in Sanskrit at the Banaras Hindu University and later pursued his post-doctoral studies at the Indoligosches Institute of the University of Vienna (Austria).
The Swamiji was the Honourary President of the Organizing Committee of the 10th World Sanskrit Conference held at Taralabalu Kendra in Bangalore in the year 1997. The Swamiji is a happy blending of both traditional knowledge and modern science, and has put in a lot of efforts in making this software more useful to students as well as scholars of Sanskrit grammar. It is menu driven and is very user friendly. Any person with a little knowledge of operating the computer can run the programme.

The present version (1.0) is only a preliminary version (unedited) having minimum features:

- All the Sutras of Panini are given in Roman script using standard diacritical marks (Complete)
- Pada-Patha: Splitting of Sandhis in the Sutras for easy comprehension (Incomplete)
- Vrittis are given on the Sutras as found in the Siddhanta Kaumudi and Laghu Siddhanta-kaumudi (Incomplete).
- Sutras can be sorted either in the order of Ashtadhyayi or Siddhanta Kaumudi or Laghu Siddhanta-kaumudi.
- Provision for English Translation and Explanation is made (Incomplete)
- Some of the commands are made available at a click away using the right mouse button.

1. Shabdarupa of Shiva - Roman Script (Brief Mode)
2. Shabdarupa of Shiva - Devanagari Script (Brief Mode)
3. Shabdarupa of Hari - Roman Script (Brief Mode)
4. Shabdarupa of Hari - Devanagari Script (Brief Mode)

5. Shabdarupa of Shambhu - Roman Script (Brief Mode)

6. Shabdarupa of Shambhu - Devanagari Script (Brief Mode)

7. Shabdarupa of Jnana - Roman Script (Brief Mode)

8. Shabdarupa of Jnana - Devanagari Script (Brief Mode)

The higher version, to be released soon, would have the option of selecting Roman script or Devanagari script. The Vritris in Siddhanta Kaumudi and Laghu Kaumudi will also be given separately. The data is being revised and updated.

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