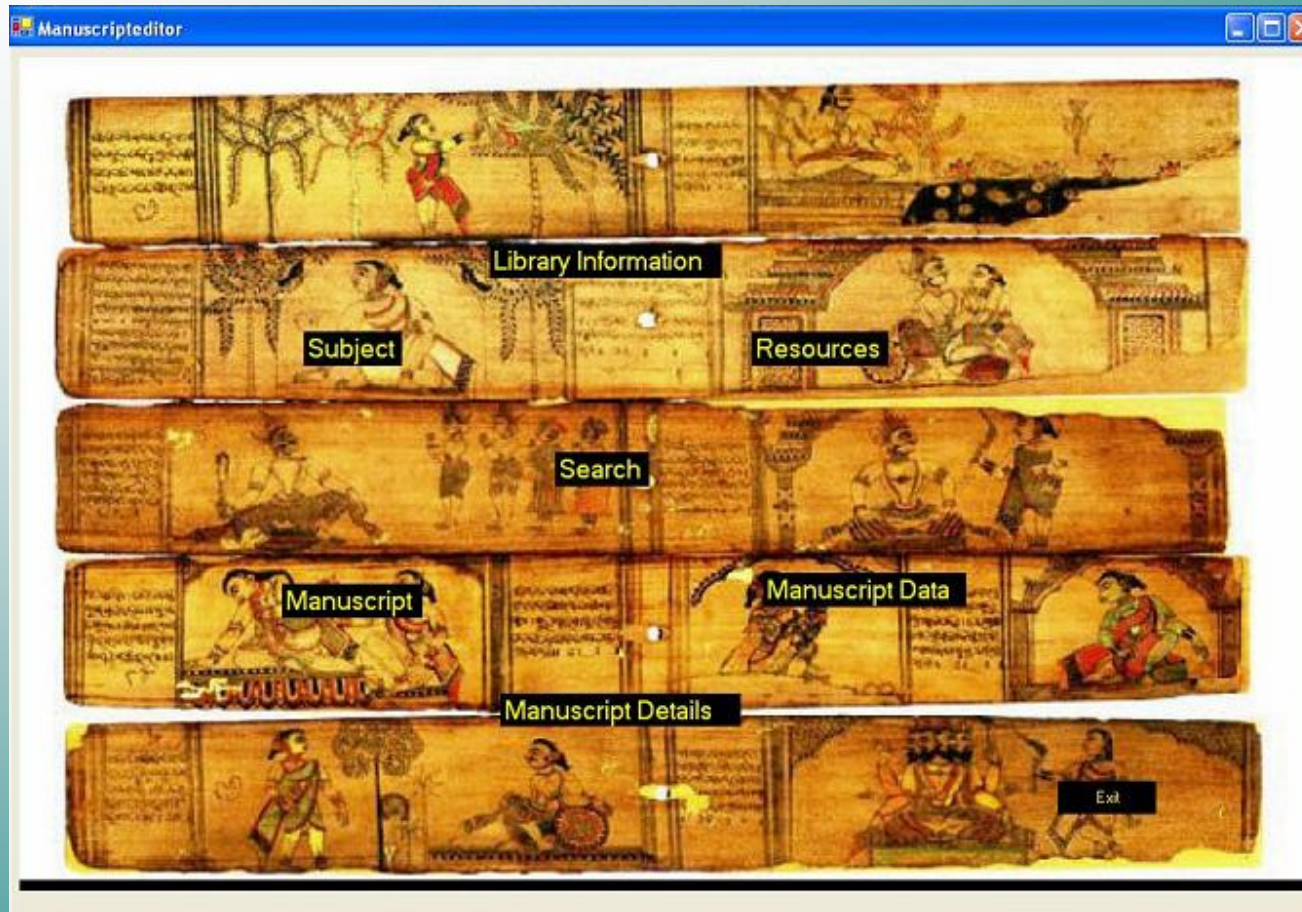


PANDULIPI SAMSHODHAKA



Pandulipi Samshodhaka is a manuscript processing software, useful to scholars in preserving, processing and analyzing the manuscripts. Image processing tool is augmented with the software for Manuscript image processing. This software can be used to create catalogue of manuscripts, and also content creation for manuscript images. Pandulipi Samshodhaka supports both ISCII and Unicode based storage. Support to Vedic accents and Grantha script is provided with the software. Some glimpse of Pandulipi Samshodhaka –

Salient features

- Text can be entered in all Indian languages including Grantha and Vedic.
- Tool to compare multiple versions of the same text.
- Export to .aci/.pci formats possible
- Search word/Phrase in selected/all texts in database.
- Tool to adjust image for readability.
- Transliteration of text.

Select Book to be published

- Select Book/Manuscript to be published.
- Search the Manuscript in all libraries with the help of catalogues like New Catalogus Catalogorum (NCC) of Madras university, etc.
- Get the Library details, Contact person, Phone Number, etc.
- Update the details in the Library capture form as shown in Next slide.

Library Details

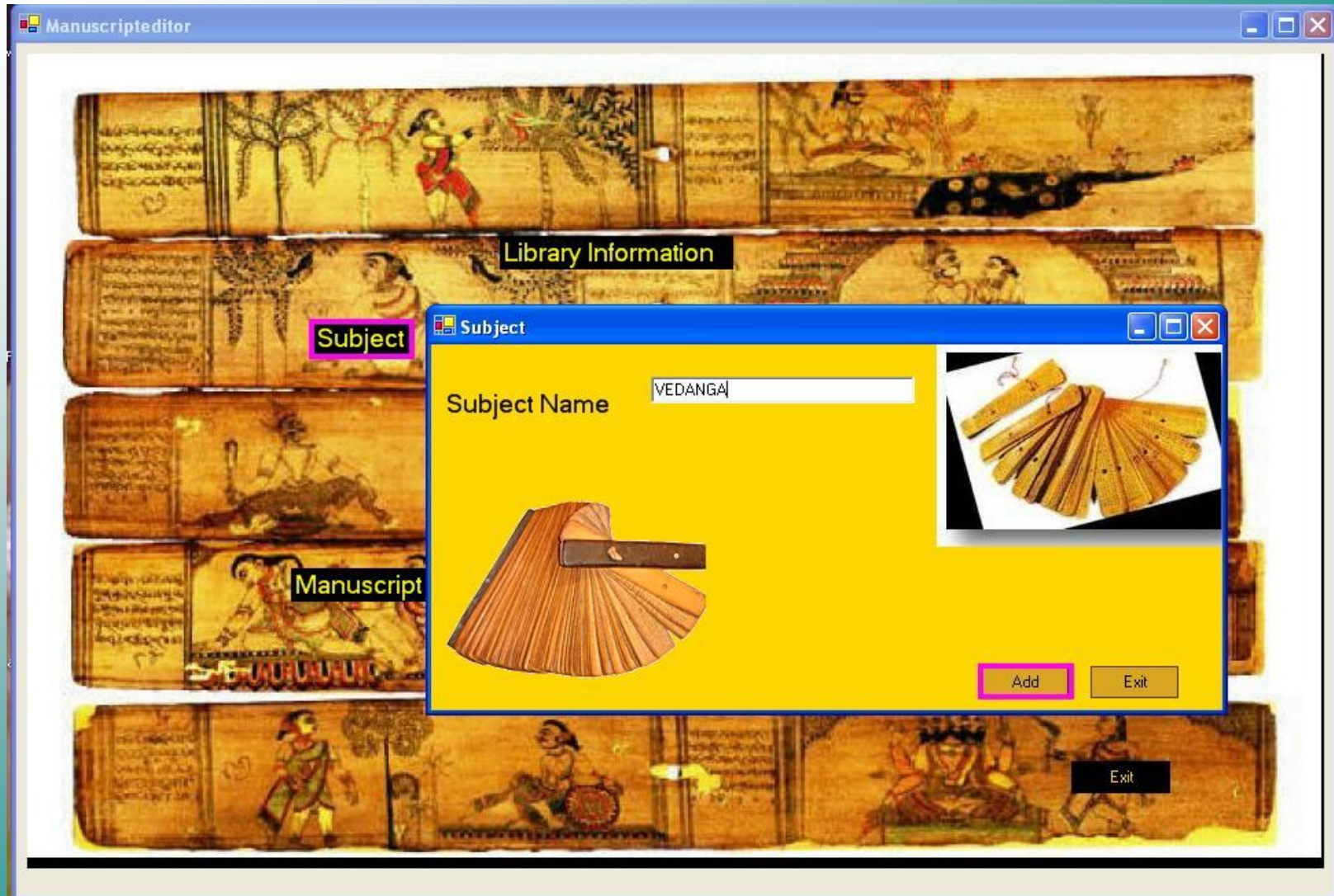
The screenshot displays the 'Manuscripteditor' application window. A 'Library Information' dialog box is open, allowing users to enter details for a library. The dialog box has a blue title bar and a yellow border. The background of the application window shows a scroll of manuscript pages with a 'Library Information' label and an 'Exit' button.

Field	Value
Library Name	ADYAR LIBRARY AND RESEARCH CENTRE
Library Abbreviation	ADYAR
Library Address	ADYAR
Library Place	CHENNAI 600020
Library Contact Person	LIBRARIAN (MRS. PARVATI)
Library Phone No.	044-24911338
Library Email Id	theo.soc@gems.vsnl.net.in

Buttons at the bottom of the dialog box: Add, Update, Delete, Search, <<, <, >, >>, Clear, Exit.

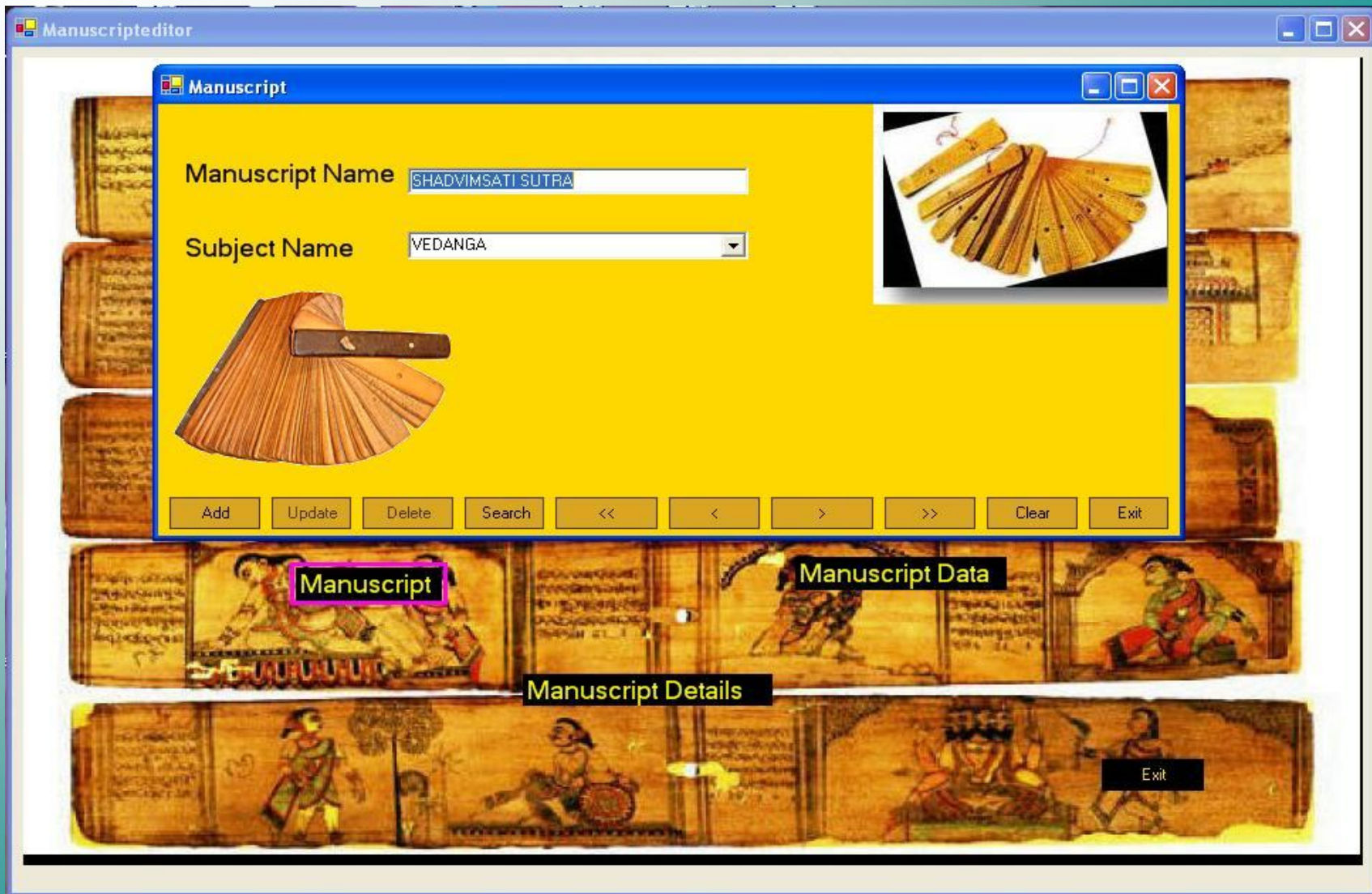
Pandulipi Samshodhaka helps in storing and retrieving library information, such as, library name, contact person, address, etc.

Add Vidyasthanas [Category]



The software helps in storing Vidyasthanas (category) for the manuscript.

Manuscript name and subject



For each manuscript, its name and subject is stored.

Pandulipi Samshodhak



Manuscript Name	SHADVIMSATI SUTRA	
Library Abbreviation	VVRI	
Manuscript Version	5040	
Manuscript Language	SK	
Manuscript Script	VD	
Manuscript_Total_Leaf	16	
Manuscript Total Missing		
Manuscript Type	PAPER	
Manuscript Level	1	
Manuscript Scheme	ITEMS	
Manuscript Author		
Manuscript Date		
Manuscript Condition		
Remarks		



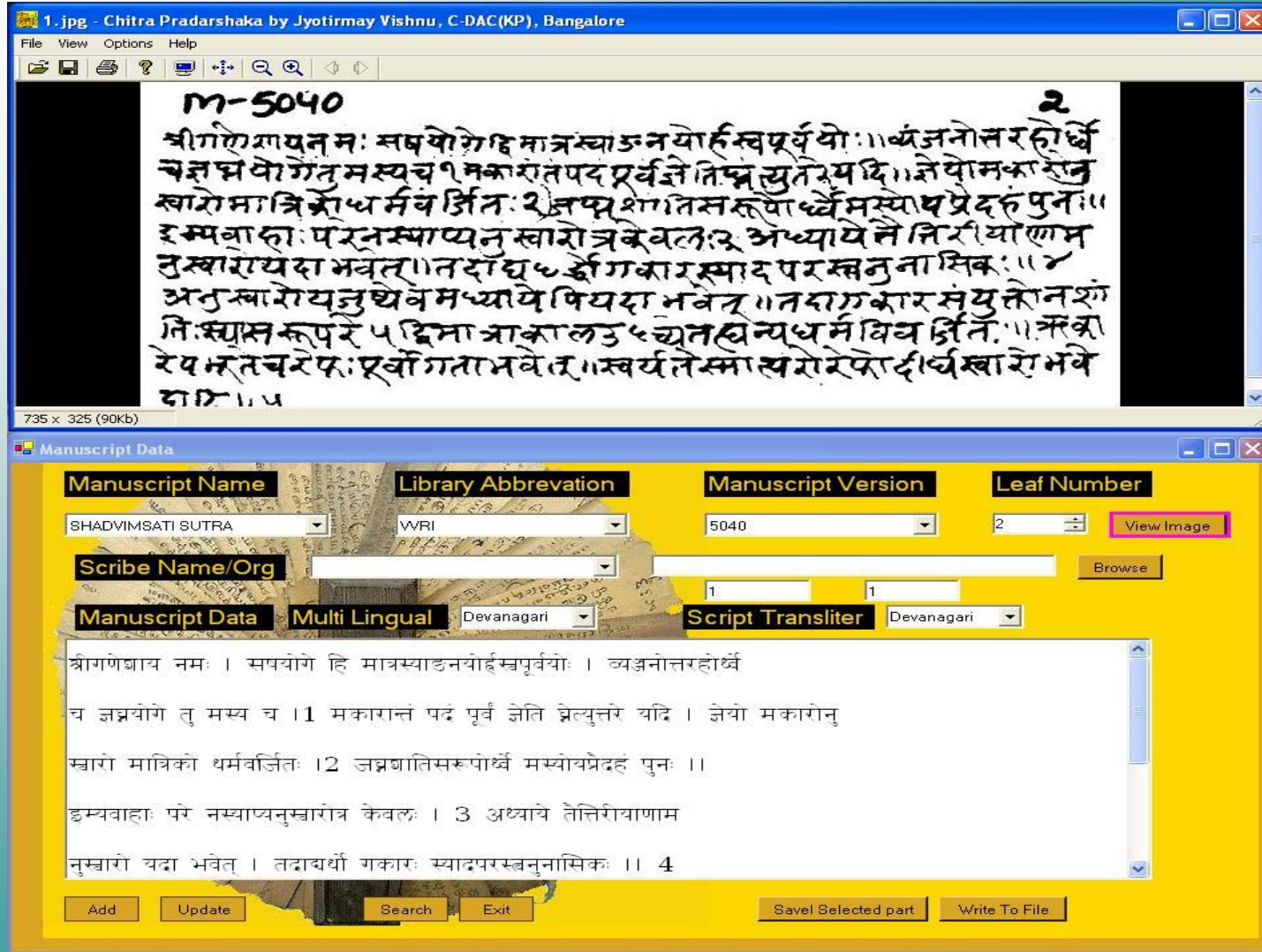
Add Update Delete Search << < > >> Clear Exit

Manuscript meta-details are captured into this screen. Information such as name, source, language, script, author, date, number of leaves, condition of the manuscript, etc. are captured in this form.

Data Entry for Manuscript

- Select Manuscript
- Select Library
- Select Version of Manuscript in the Library
- Select Image number.
- Click on Browse button.
- Adjust image for readability.
- Select the script of manuscript.
- Enter manuscript text and save.
- Navigate to next image and repeat the steps.

Manuscript Editor.



The screenshot displays the Manuscript Editor interface. The top window shows a manuscript image with handwritten text in Devanagari script. The text is numbered '1' and '2'. Below the image is a 'Manuscript Data' form with the following fields:

Manuscript Name	Library Abbreviation	Manuscript Version	Leaf Number
SHADVIMSATI SUTRA	VVRI	5040	2

Additional fields include 'Scribe Name/Org' (with a 'Browse' button), 'Manuscript Data' (with a 'Multi Lingual' dropdown set to 'Devanagari'), and 'Script Transliter' (with a 'Devanagari' dropdown). The main text area contains the transcribed text from the image above. At the bottom, there are buttons for 'Add', 'Update', 'Search', 'Exit', 'Save Selected part', and 'Write To File'.

Content creation for the manuscript is done using the manuscript editor. Looking at image above, user types the manuscript data in the editor below.

Additional features

- Once manuscript data is entered for one version of a manuscript, the same version can be browsed, loaded or searched for entering data for different version of other manuscripts of the same text.
- Data can be exported to .aci file or .rtf format.
- Transliteration is provided for non-vedic texts.
- Word/Phrase search within already entered data is provided.
- Data can be inserted into database if marked for manuscript serial number.
- Data can be entered for all 19 scripts including Vedic and Grantha.

Transliteration of the manuscript content.

1.jpg - Chitra Pradarshaka by Jyotirmay Vishnu, C-DAC(KP), Bangalore

File View Options Help

735 x 325 (90kb)

Manuscript Name: SHADVIMSATI SUTRA
Library Abbreviation: WRI
Manuscript Version: 5040
Leaf Number: 2
View Image

Scribe Name/Org: [Empty]
Browse

Manuscript Data: [Empty]
Multi Lingual: Devanagari
Script Transliter: Kannada

ಶ್ರೀಗಣೇಶಾಯ ನಮಃ . ಸಪಯೋಗೇ ಓ ಮಾತ್ರಸ್ಯಾಜನಯೋರ್ಪ್ರಸ್ಯಪೂರ್ವಯೋಃ . ವ್ಯಂಗ್ಯನೋತ್ತರಹೋಧ್ಯೋಃ
ಚ ಜ್ಞಘ್ನಯೋಗೇ ತು ಮಸ್ಯ ಚ .1 ಮಕಾರಾನ್ತಂ ಪದಂ ಪೂರ್ವಂ ಜ್ಞೇತಿ ಘ್ನೇತ್ಯುತ್ಪರೇ ಯದಿ . ಜ್ಞೇಯೋ ಮಕಾರೋನು
ಸ್ವಾರೋ ಮಾತ್ರಿಕ್ಷೋಧರ್ಮವಿಧಿತಃ .2 ಜಘ್ನಶಾತಿಸರೂಪೋಧ್ಯೋಃ ಮಸ್ಯೋಯಪ್ಯುದಹಂ ಪುನಃ ..
ಇಮ್ಯವಾಹಾಃ ಪರೇ ನಸ್ಯಾಪ್ಯನುಸ್ವಾರೋತ್ರ ಕೇವಲಃ . 3 ಅಧ್ಯಾಯೇ ತೈತ್ತಿರೀಯಾಣಾಮ
ನುಸ್ವಾರೋ ಯದಾ ಭವೇತ್ . ತದಾದ್ಯಧೋಃ ಗಕಾರಃ ಸ್ಯಾದಪರಸ್ತ್ಯನುನಾಸಿಕಃ .. 4
ಅನುಸ್ವಾರೋ ಯಜುಷ್ಯೇವಮಧ್ಯಾಯೇಪಿ ಯದಾ ಭವೇತ್ . ತದಾ ಗಕಾರಸಂಯುಕ್ತೋ ನಶಾಂ
ತಿಃ ಕ್ಲಾಸರೂಪರೇ ..5 ದ್ವಿಮಾತ್ರಾಕಾಲ ಉಚ್ಯತೇ ಹ್ಯನ್ಯಧರ್ಮವಿವರ್ಜಿತಃ .. ಋಕಾ
ರೇಪರಭೂತೇ ಚ ರೇಘಃ ಪೂರ್ವೋಗತಾ ಭವೇತ್ .. ಸ್ವಯಂತೇಸ್ಯಾತ್ಯರೋ ರೇಪೋ ದೀರ್ಘಸ್ವಾರೋ ಭವೇ
ದ್ಯದಿ ..5

Add Update Search Exit Save Selected part Write To File

Transliteration of the manuscript content is provided with the software.

Multilingual support

The screenshot shows the 'Manuscript Data' application window. The interface is yellow with a blue border. It features several input fields and buttons. The 'Manuscript Name' field contains 'SHADVIMSATI SUTRA'. The 'Library Abbreviation' field contains 'WRI'. The 'Manuscript Version' field contains '5040'. The 'Leaf Number' field contains '2'. There is a 'View Image' button next to the leaf number. Below these fields, there are two empty text boxes for 'Scribe Name/Org' and a 'Browse' button. The 'Manuscript Data' section has a 'Multi Lingual' dropdown set to 'Devanagari' and a 'Script Transliter' dropdown set to 'Oriva'. The main text area contains a Sanskrit passage with some words underlined in pink. At the bottom, there are buttons for 'Add', 'Update', 'Search', 'Exit', 'Save Selected part', and 'Write To File'.

Manuscript Name: SHADVIMSATI SUTRA
Library Abbreviation: WRI
Manuscript Version: 5040
Leaf Number: 2
View Image

Scribe Name/Org:
Browse

Manuscript Data: Multi Lingual: Devanagari
Script Transliter: Oriva

श्रीगणेशाय नमः । सषयोगे हि मोक्षसाधनस्योत्कर्षस्योत्कर्षयोः । व्यञ्जनोत्तरहोर्ध्वे
च श्लुक्तकृतयोःके क्वा मण्डयः ॥ 1 मकारान्तं पदं पूर्वं ज्ञेति घ्रेत्युत्तरे यदि । जुञ्जयेत् न मकारान्
स्वारो मात्रिको धर्मवर्जितः ॥ 2 ननुनादिप्रवृत्तेः प्रवृत्तेः प्रवृत्तेः ॥
इम्यवाहाः परे नस्याप्यनुस्वारोत्र केवलः । 3 अध्याये तैत्तिरीयाणाम
नुस्वारो यदा भवेत् । तदाद्यधो गकारः स्यादपरस्त्वनुनासिकः ॥ 4
अनुस्वारो यजुष्येवमध्यायेपि यदा भवेत् । तदा गकारसंयुक्तो नशां
तिः क्षासरूपरे ॥ 5 द्विमात्राकाल उच्येत ह्यन्यधर्मविवर्जितः ॥ ऋका
रेपरभूते च रेफः पूर्वोगता भवेत् ॥ स्वर्यतेस्मात्परो रेफो दीर्घस्वारो भवे
द्यदि ॥ 5

Add Update Search Exit Save Selected part Write To File

Multilingual content creation can be done in Pandulipi Samshodaka.

Search Facility

1.jpg - Chitra Pradarshaka by Jyotirmay Vishnu, C-DAC(KP), Bangalore

File View Options Help

1300 x 640 (121Kb)

Search

Search Word

षड्विंशतिलक्षणं Search Databas

Manuscript Name Library Abbreviation Manuscript Version

SHADVIMSATI SUTRA KUML 2938 8
SHADVIMSATI SUTRA OIMYS 2262 13
SHADVIMSATI SUTRA DCPUNE 9387 1

Search Particular

श्रीगणेशाय नमः । अथ षड्विंशतिलक्षणं ।
हरिः ॐ ह्रपे मयाभुः प्रथममहमस्मि द्वितीयं
तृतीयं तृतीयस्यां वाः पुरस्तादमावास्याया
रात्र्यां फलीकरणहोमं सोमस्याहं यदतेन

Search for word/phrase in manuscript is possible once content creation for the manuscript is done.