

# L<sup>A</sup>T<sub>E</sub>X class and style files for papers published in the journal HSSA

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## 1 Documentation for authors using L<sup>A</sup>T<sub>E</sub>X

If you are writing with L<sup>A</sup>T<sub>E</sub>X please observe the following guidelines:

- Use Unicode encoding for your files (i.e., for XeL<sup>A</sup>T<sub>E</sub>X or LuaT<sub>E</sub>X)
- Use the standard features of L<sup>A</sup>T<sub>E</sub>X as documented in the standard manual, *L<sup>A</sup>T<sub>E</sub>X: A Document Preparation System* by Leslie Lamport, or in *The Very Short Guide to Typesetting with L<sup>A</sup>T<sub>E</sub>X* by Peter Flynn and Silmaril Consultants (part of the T<sub>E</sub>Xlive distribution and at [CTAN](#)).
- Use logical markup, not presentational markup. That means you mark things as `\chapter{xxx}`, `\footnote{xxx}`, `\sanskrit{xxx}`, `\title{xxx}`, etc., and not `\textbf{xxx}`, `\vspace{5ex}`.
- Do not use `\newcommand` or `\def` to make private commands. If this appears to be unavoidable, please contact the journal editor before proceeding.
- Provide your bibliography entries in BibT<sub>E</sub>X format. The journal uses BibL<sup>A</sup>T<sub>E</sub>X, which is flexible. So please do not use any special formatting commands or non-standard bst files. Just use `\cite{xxx}` etc. in the simplest manner.
- If you have tables, keep them simple and don't spend time putting in many horizontal and vertical lines. They will be reformatted for the journal, in any case.

The above advice is also given on the [HSSA website](#).

## 2 Documentation for L<sup>A</sup>T<sub>E</sub>X hackers converting incoming files to HSSA

### 2.1 Prelims

Start off each HSSA article L<sup>A</sup>T<sub>E</sub>X file with the following macros:

```
\RequirePackage{snapshot}  
\documentclass{hssa}  
\usepackage{hssa,  
hssa-biblatex}  
\addbibresource{\jobname.bib}
```

Note that the article's bibliography should have the same name as the article, with the extension .bib.

#### 2.1.1 Metadata

Next, use the following commands to capture the metadata for this article:

```
\HSSAissuenum{999}  
\HSSAissuedate{2999}  
\HSSAarticletitle{A Title}  
\HSSAauthorname{A. N. Author}  
\HSSAauthoraddress{University of University}  
\HSSAfirstpage{000}  
\HSSAlastpage{999}  
\DOI{1.2/3.4.5}
```

These commands generate the right text for the front page, the copyright page and the article's title and running header.

If the running header is too long (author's love long titles), use

```
\HSSAshortarticletitle{An abbreviated title}
```

### 2.2 HSSA user macros

Here follow various commands for use in HSSA articles that aren't part of standard L<sup>A</sup>T<sub>E</sub>X.

### 2.2.1 AD, BC, etc.

`\CE` There are shortcuts for expressing the eras CE and BCE. These macros also  
`\BCE` get the fonts right. There are synonyms: use any of the following and the  
output will look right:

`\bce`  
`\BC`  
`\BCE`  
`%`  
`\ce`  
`\CE`  
`\AD`

Don't forget to handle the space after these macros appropriately.

`\q` Use this to make a loud, obnoxious marginal note in bright yellow box.  
Use it to annotate the PDF proofs for communicating with the author.

`\q{}` stands for “query,” and is a tailored version of `todonotes`. In addition to the yellow box in the margin, it can also build a page index of the notes that you can print at the end of the article with `\listoftodos`.

### 2.2.2 Environments for ślokas and mini-editions

`miniedition (env.)` An environment for making apparatus notes to a single śloka or two.  
`sloka (env.)` An environment for typesetting Sanskrit verses; pretty much the same as verse.

### 2.2.3 Citing manuscripts

`\MScite` Cite your manuscripts using the pattern “City, Library, accession number.”  
The `\MScite` macro will print the right thing in your text, while also writing an entry to an alphabetical index of manuscripts that appears at the end of your article. Saying `\MScite{London, Wellcome, $\alpha$999}` will print “MS London, Wellcome  $\alpha$  999 in your text.

`\MS` `\MS` is a synonym for `\MScite`

`\MSnocite` If you want to put an entry in your index of manuscripts, but you don't want the entry printed in the main text where you're writing, use `\MSnocite`.

`\MSsilent` A synonym for `\MSnocite`.

### 2.2.4 Making a lexical index

`\saneng` If you say `\saneng{pūpa}{cake}` then you'll get "cake (*pūpa*)" printed in your main text. Also, an entry will be written to a lexical page index, both Sanskrit-English and English-Sanskrit.

`\ssaneng` `\ssaneng` is a silent version of the same macro that writes the index entries but puts nothing in the main text.

### 2.2.5 Language-switching

`\textgreek` See the documentation for [Polyglossia](#) for details of how these are used.  
`\textenglish` These macros switch to the respective languages and scripts (e.g., Devanagari for `\textsanskrit`{}).  
`\dev` `\dev` is just an abbreviation for the `\textsanskrit` macro.  
`\cjk` This is just a switch, so say `{\cjk X}` where X is a Chinese character.

### 2.2.6 Citation commands

HSSA uses the Bib<sub>La</sub>T<sub>E</sub>X macros, and the Oxref style for formatting according to the Oxford Hart's Rules guidelines. The NatBib conventions are also loaded, so you can use `\cite`, `\citep` `\citet` in the standard ways, as well as Bib<sub>La</sub>T<sub>E</sub>X's `\footcite`, `\cites`, `\parencites`, etc.

### 2.2.7 Bibliography and index outputs

Say `\printbibliography` at the end of the document.

Here are examples from the end of Speziale's 2019 paper that do more elaborate things.

#### Index prologue

```
\setlength{\shorthandwidth}{.25\textwidth}
```

```
\indexprologue{\centering\emph{References are to page numbers in this
article.}}
```

**Index of manuscripts** As indexed using `\MScite` etc.

```
\printindex[manuscripts] % ditto for manuscripts
```

```
\printshorthands % uses features of biblatex-manuscripts-philology
```

```
[title=Primary Sources in Manuscripts,
type=manuscript,
% env=details,
%sorting=special,
]
```

### Index of editions

```
\printshorthands %
[title=Primary Sources in Printed Editions,
keyword=edition, % flagged as such in the bib file
%prenote=blurb01,
%sorting=special,
]
```

### Index of references

```
\printbibliography
[title=Secondary Sources and Translations,
sorting=nyt,
%keyword=secondary,
notkeyword=edition,
nottype=manuscript,
] % keep the editions in the Text Editions section only
```

### 2.2.8 Miscellaneous

`\diatop` Puts more than one accent over a letter. This isn't available in standard  $\LaTeX$ , but we philologists sometimes need it. Say, for example, `\diatop[\text{'|}{\text{o}}]` to get  $\acute{o}$ .

`\PreliminaryNote` For that zeroth footnote at the beginning of an article that gives acknowledgments or abbreviations. I prefer to put this material at the end of an article, in a section called "Acknowledgements."

### 2.2.9 Rotating pages for big tables and figures

`rotating (env.)` That's pretty much it.  
You might want to add `\usepackage[figuresright]{rotating}` if you have some tables to go sideways.



## 2.3 Standard L<sup>A</sup>T<sub>E</sub>X sectioning and similar commands

`\section` Just use the normal `\section{}` commands, down to `\paragraph`.  
`\lettrine` The first line after a section is formatted with an initial drop-cap and small caps, using `\lettrine`. The three arguments are 1. line-drop and over height (always the same), 2. the drop-capital itself, and 3. the remaining letters of the word and some more words up to the end of a phrase. For example

```
\lettrine[lines=2,loversize=.1]{T}{he} object of this contribution is ...
```

How much you include in the phrase is up to you. E.g.,

```
\lettrine[lines=2,loversize=.1]{T}{he object of this contribution} is ...
```

Note that *all* the letters of the phrase should be lowercase. They will be turned into small caps, and uppercase letters won't look right. E.g.,

```
\lettrine[lines=2,loversize=.1]{T}{he mahābhārata and the rāmāyana both feature kṛṣṇa  
%% ...
```

## 2.4 What you get for nothing

In addition to setting up the above commands, the class and style files below will handle the

- colour and layout of the front and back matter,
- the title and section headings,
- the running headers and footers,
- the two-column footnotes
- the use of T<sub>E</sub>X Gyre Pagella or other Unicode font in T<sub>E</sub>X math mode.

### 3 Macros in the class file for the HSSA journal: hssa.cls

This is `hssa.cls` by Dominik Wujastyk, a class file for the HSSA journal.

This documentation is created by running `hssa-documentation.dtx`, which calls `hssa.cls` and `hssa.sty`, etc.

See <http://tug.org/pracjourn/2005-3/asknelly/> for a nice statement of the difference between `.cls` and `.sty` files. Here in `hssa.cls`, I'm keeping the code that is part of the core of HSSA's design. I would not expect to change things here much after 2019.

`\NeedsTeXFormat` Declare that we are using the main L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub> format.

```
1 \NeedsTeXFormat{LaTeX2e}
```

`\LoadClass` HSSA is based on an 11pt article style:

```
2 \LoadClass[11pt]{article}
```

`\RequirePackage` Here come the packages that HSSA assumes are present.

```
3 \usepackage{hssa-indexing} % has to be loaded before hyperref
4 \RequirePackage{ %
5   graphicx,
6   amsmath,
7   amsfonts,
8   amssymb,
9   textcomp, % arcane LaTeX/NFSS system for subsetting encodings. Needed for Sigma.
10  wasysym,
11  polyglossia,
12  hyperxmp, % to embed XMP metadata in the PDF
13  hyperref,
14  geometry,
15  array,
16  longtable,
17  polyglossia, % polyglossia calls fontspec
18  multicol,
19  booktabs, %professional tables \toprule etc.
20  textcase, % to get \MakeTextLowercase for tweaking the running footer
21  fancyhdr,
22 }
```

`\xcolor` Settings for the `xcolor` package

```
23 \RequirePackage{xetex,
24   dvipdfmx,
25   hyperref,
```

```

26     svgnames]
27     {xcolor}

```

`enumitem` To control the spacing around itemized lists.

```

28 \usepackage{enumitem} % supersedes mdwlist: does it globally
29 \setlist{noitemsep,
30     %labelindent=\parindent,
31     %leftmargin=*,
32 }

```

`\q` Issue notes to the author in the margins of the page proofs. It uses the `todonotes` package.

Define `\q` to be `\empty` for the final run to suppress the display of notes. Put a `\newpage \listoftodos` just before `\end{document}` to help the author with an indexed list to the marginal notes.

```

33 \setlength{\marginparwidth}{2cm} %todonotes manual, section 1.6.5
34 \usepackage[colorinlistoftodos,
35 %     disable,
36 textsize=tiny,
37 shadow,
38 backgroundcolor=yellow]{todonotes}
39 \setuptodonotes{fancyline}
40 %
41 \def\q#1{{}\todo{#1}{}}

```

`\PreliminaryNote` A preliminary numberless “footnote” for abbreviations, grant references, and other general initial statements. But commonly, put this in a little “Acknowledgements” section at the end of the paper.

```

42 \newcommand{\PreliminaryNote}[1]{%
43     {\def\thefootnote{\relax }%
44         \footnotetext{\hspace*{-2.3em} %only if not using \hangfootnotes
45             #1}}}
46 %
47 %DW ?
48 \skip\footins=24pt
49 %DW ?

```

### 3.1 Set the geometry for the pages

`geometry` Set the geometry for the pages DW

```

50 \geometry{twoside,
51     paperwidth=210mm,
52     paperheight=297mm,

```

```

53  textheight=562pt,
54  textwidth=384pt,
55  centering,
56  headheight=30pt,
57  headsep=18pt,
58  footskip= 42pt, %24pt,
59  footnotesep=24pt plus 2pt minus 12pt,
60 }

```

### 3.2 Front matter

```

\title I thought about doing something like this:
\author \newenvironment{frontmatter}{}{\maketitle}
\date but then gave that up.

\title
61 \title{\LARGE \@HSSAarticletitle }

\author Put the author's address in a parbox because it may have hard linebreaks
(\\) that can cause trouble. This happened in Speziale 2019. I still don't
know why the linebreak is allowed after the authorname but not in the ad-
dress.
62 \author{\@HSSAauthorname\\ [1ex]
63 \parbox{\textwidth}{\small\centering\emph{\@HSSAauthoraddress}}
64 }

\date No date.
65 \date{\relax }

```

### 3.3 Running headers and footers

```

\HSSAfooter Variable that collects the text for the footer.
66 \def\HSSAfooter#1 %*%
67 {\gdef\@HSSAfooter{#1}}

\@HSSAtitle Define the title for use on the title page.
68 \newcommand{\@HSSAtitle}{History of Science in South Asia}

\HSSAverso Variable that collects the page header of the verso pages.
69 \def\HSSAverso#1{\gdef\@HSSAverso{#1}}

```

`\HSSArecto` Ditto for the recto, and initialize them both to nothing.

```
70 \def\HSSArecto#1{\gdef\@HSSArecto{#1}}
71 \let\@HSSAverso\@empty
72 \let\@HSSArecto\@empty
```

Now the HSSA journal running headers, footers and cover citation. Set the shorttitle to be the same as `\HSSAverso` unless the author redefines it in the document preamble.

```
73 \HSSAverso{\@HSSAarticletitle }
74 \let\HSSAshorttitle\HSSAverso
75 \HSSArecto{\@HSSAauthorname }
```

`\@HSSAheaderfooterfont` Set up the font that will be used for running headers and footers. Small caps, and a bit of extra space, 7%, of the font's point size, between each letter (LetterSpace is from fontspec).

```
76 \def\@HSSAheaderfooterfont{\scshape\addfontfeature{LetterSpace=7}}
```

`\HSSAfooter` Use the `\MakeTextLowercase` macro from the textcase package and construct the running footer for each page.

```
77 \HSSAfooter{\MakeTextLowercase{\@HSSAtitle}\ \@HSSAissuenum\
78      (\@HSSAissuedate) \thefirstpage--\thelastpage}
```

### 3.4 Fancy headers and footers

Now the fancy header setup, which should be done after the geometry setup.

```
79 %\usepackage{fancyhdr} % after the geometry setup
80 \pagestyle{fancy}
81 \fancyhead{}
82 \fancyhead[CO]{\textenglish{\@HSSAheaderfooterfont\MakeTextLowercase{\@HSSArecto}}}
83 \fancyhead[CE]{\textenglish{\@HSSAheaderfooterfont\MakeTextLowercase{\@HSSAverso}}}
84 \fancyhead[RO]{\textenglish{\@HSSAheaderfooterfont\thepage}}
85 \fancyhead[LE]{\textenglish{\@HSSAheaderfooterfont\thepage}}
86 \fancyfoot[L]{ }
87 \fancyfoot[C]{\textenglish{\@HSSAheaderfooterfont\@HSSAfooter}}
88 \fancyfoot[R]{ }
89 \renewcommand{\headrulewidth}{0pt}
90 \renewcommand{\footrulewidth}{0pt}
```

### 3.5 Fancy-plus-DOI style

`\fancypage` Make a style for the first page that has the DOI in the bottom right

```

91 \fancypagestyle{fancy-plus-DOI}{%
92 \fancyhead{}
93 \fancyhead[R]{}
94 %\fancyhead[CO]{\@HSSAheaderfooterfont\@HSSArecto}
95 %\fancyhead[CE]{\@HSSAheaderfooterfont\@HSSAverso}
96 %\fancyhead[RO]{\thepage}
97 %\fancyhead[LE]{\thepage}
98 \fancyfoot[L]{\copy\cclogobox\ \tiny\textenglish{\@HSSAheaderfooterfont
99 \href{http://doi.org/\@DOI}{doi: \@DOI}}}
100 \fancyfoot[C]{\textenglish{\@HSSAheaderfooterfont\@HSSAfooter}}
101 \fancyfoot[R]{}
102 %\renewcommand{\headrulewidth}{0pt}
103 %\renewcommand{\footrulewidth}{0pt}%
104 }

```

### 3.6 Link colours

`\definecolor` This is the colour that will be used for the URL links; it's dark, so that it doesn't disturb the reading as much as the standard blue would do.

```

105 \usepackage{color}
106 \definecolor{darkbrown}{rgb}{0.4, 0.26, 0.13} % from http://latexcolor.com/

```

### 3.7 Output the preliminary matter

```

\AtBeginDocument
107 \AtBeginDocument{%
108 \coverpage
109 \copyrightspage
110 %
111 \setcounter{page}{0}
112 \maketitle
113 \thispagestyle{fancy-plus-DOI}
114 \setcounter{page}{\thefirstpage}
115 %
116 %\@ifpackageloaded{hyperref}
117 \def\@linkcolor{darkbrown}
118 \def\@anchorcolor{darkbrown}
119 \def\@citecolor{darkbrown}
120 \def\@filecolor{darkbrown}
121 \def\@urlcolor{darkbrown}
122 \def\@menucolor{darkbrown}
123 \def\@pagecolor{darkbrown}
124 %
125 \selectbackgroundlanguage{english}

```

```

126 \input{sanskrit-hyphenations} % for some reason this doesn't work
127 }

```

### 3.8 Output the final pages that come after the article

```

\AtEndDocument
128 \AtEndDocument{%
129     \newpage
130     \coverlastpage
131 }

```

### 3.9 Arrange the appendix

```

Appendix
132 % Consider using \RequirePackage[title]{appendix}
133 %
134 \def\appendixname{Appendix}
135 \renewcommand\appendix{\par
136     \setcounter{section}{0}%
137     \setcounter{subsection}{0}%
138     \setcounter{equation}{0}
139     \addtocontents{toc}{\string\let\string\numberline\string\temptocnumberline}{}}
140 }

```

Last page Define the last page number and set it to 100

```

141 \def\LastPage#1{\gdef\@LastPage{#1}}
142 \LastPage{100}

```

### 3.10 Set up the alignment and fonts of title and author names

```

\aufont
\titlefont 143 \def\titlealign#1{\gdef\@titlealign{#1}}
\footerfont 144 \let\@titlealign\centering
\footeraddress 145 \def\aualign#1{\gdef\@aualign{#1}}
146 \let\@aualign\centering
147 \def\titlefont#1{\gdef\@titlefont{#1}}
148 \def\aufont#1{\gdef\@aufont{#1}}
149 \def\@titlefont{\fontsize{20}{24}}
150 \def\@aufont{\fontsize{10}{12}}
151 %
152 % Footer font
153 %
154 \def\footerfont#1{\gdef\@footerfont{#1}}

```

```

155 \footerfont{\fontsize{7}{8}}
156 %
157 % Footer address
158 %
159 \def\footeraddress#1{\gdef\@footeraddress{#1}}
160 \let\@footeraddress\@empty

```

### 3.11 The content of the cover page

\coverpage

```

161 \long\def\coverpage{%
162     \thispagestyle{empty}
163     \begingroup
164     \parindent0pt
165     \pagecolor{pagecolor}
166     \color{Maroon!20}
167     \hspace*{-.05\linewidth}%
168     \begin{minipage}{1.1\linewidth}%
169         \vspace*{-18pt}%
170         \includegraphics[width=50mm]{logo.eps}\par
171         \vskip-12pt
172         \fontsize{30}{36}\selectfont
173         History of Science in South Asia\par\medskip
174         \footnotesize\itshape
175         A journal for the history of all forms of scientific thought and
176         action, ancient and modern, in all regions of South Asia\par
177     \end{minipage}
178     \par
179     \vfill
180     \begin{minipage}{\linewidth}
181         \raggedright
182         \LARGE
183         \@HSSAspecialissuedetails
184     \end{minipage}
185     \par
186     \vfill
187     \par
188     \begin{minipage}{\linewidth} % Here's the main title and author and affiliation
189         \raggedright
190         \LARGE
191         \@HSSAarticletitle
192         \par\vspace*{10mm}
193         \large
194         \@HSSAauthorname\par

```



```

195         \vspace{.8\baselineskip}
196         \normalsize
197         \emph{\@HSSAauthoraddress}
198         \par\vspace*{10mm}
199     \end{minipage}
200     \par
201     \vfill
202     \par
203     \hspace*{-.05\linewidth}%
204     \begin{minipage}{1.1\linewidth}
205         \rule{\linewidth}{.1pt}
206         \footnotesize
207         {\tiny MLA} style citation form: \thecovercitation \\[3pt]
208         Online version available at: {\def\@urlcolor{Maroon!20}%
209             \href{http://hssa-journal.org}{http://hssa-journal.org}}
210     \end{minipage}
211 \endgroup
212     \vspace{-10mm}
213     \newpage
214 } % end coveragepage

```

### 3.12 The the content of the copyright page

\copyrightspage

```

215 \long\def\copyrightspage{%
216     \begingroup
217     \pagecolor{white}
218     \normalcolor
219     \thispagestyle{empty}
220     \footnotesize
221     \begin{minipage}[t][.98\textheight][t]{\linewidth}
222         {\addfontfeature{LetterSpace=8}\bfseries
223             HISTORY OF SCIENCE IN SOUTH ASIA}\
224             A journal for the history of all forms of scientific thought and action,
225             ancient and modern, in all regions of South Asia, published online
226             at \href{http://hssa-journal.org}{http://hssa-journal.org}
227
228             \vfill
229
230             ISSN 2369-775X
231
232             \vfill
233
234             \textit{Editorial Board:}\

```

235 \begin{itemize}  
 236 \leftmargini=1em  
 237 \item Dominik Wujastyk, University of Alberta, Edmonton, Canada  
 238 \item Kim Plofker, Union College, Schenectady, United States  
 239 % \item Dhruv Raina, Jawaharlal Nehru University, New Delhi, India  
 240 \item Clemency Montelle, University of Canterbury,  
 241 Christchurch, New Zealand  
 242 \item Fabrizio Speziale, School of Advanced Studies in the  
 243 Social Sciences (EHSS), Paris, France  
 244 \item Michio Yano, Kyoto Sangyo University, Kyoto, Japan  
 245 \item Gudrun Bühnemann, University of Wisconsin-Madison, USA  
 246 \item Anuj Misra, University of Copenhagen, Denmark  
 247 \item Aditya Kolachana, Indian Institute of Technology, Madras, India  
 248 \item Dagmar Wujastyk, University of Alberta, Edmonton, Canada  
 249 \end{itemize}  
 250  
 251 \medskip  
 252  
 253 \textit{Publisher:}\[4pt]  
 254 History of Science in South Asia  
 255  
 256 \medskip  
 257  
 258 \textit{Principal Contact:}\[4pt]  
 259 Dominik Wujastyk, Editor, University of Alberta\\  
 260 Email: \$\langle\$wujastyk@ualberta.ca\$\rangle\$  
 261  
 262 \medskip  
 263  
 264 \textit{Mailing Address:}\[4pt]  
 265 History of Science in South Asia,\\  
 266 Department of History, Classics and Religion,\\  
 267 2--81 HM Tory Building,\\  
 268 University of Alberta,\\  
 269 Edmonton, AB, T6G 2H4\\  
 270 Canada  
 271  
 272 \medskip  
 273  
 274 This journal provides immediate open access to its content on the  
 275 principle that making research freely available to the public supports  
 276 a greater global exchange of knowledge.  
 277  
 278 \medskip  
 279

```

280      Copyrights of all the articles rest with the respective authors and
281      published under the provisions of
282      \href{http://www.creativecommons.org/licenses/by-sa/4.0/}{Creative Commons
283      Attribution-ShareAlike 4.0} License.
284
285      \medskip
286
287      The electronic versions were generated from sources marked up in
288      \href{http://www.latex-project.org/}{LaTeX}{} in a computer running
289      \textsc{gnu/linux} operating system. \textsc{pdf} was typeset
290      using \href{http://tug.org/xetex/}{XeTeX}{} from
291      \href{http://tug.org/texlive/}{TeX Live}.
292      The base font used for Latin script and oldstyle numerals was
293      \href{http://www.gust.org.pl/projects/e-foundry/tex-gyre/pagella}{TeX{}
294      Gyre Pagella} developed by
295      \href{http://www.gust.org.pl}{\textsc{gust}}, the Polish
296      TeX{} Users Group.
297  \end{minipage}
298  \endgroup
299
300  \pagecolor{white}
301  \normalcolor
302} % end \copyrightpage

```

### 3.13 The content of the back cover page

\coverlastpage

```

303 \long\def\coverlastpage{\newpage\parindent=0pt
304   \thispagestyle{empty}
305   \pagecolor{pagecolor}
306   \parskip=0pt
307   \mbox{}
308   \vfill
309   \par
310   \color{endscriptcolor}
311   \colorlet{urlcolor}{endurlcolor}
312   \rule[3pt]{\textwidth}{.2pt}
313   {\normalfont\scriptsize\raggedright Please write to
314     \href{mailto:wujastyk@ualberta.ca}
315     {\color{white}$\langle$wujastyk@ualberta.ca$\rangle$}
316     to file bugs/problem reports, feature requests and to get involved. \\
317     % \addfontfeature{LetterSpace=6}%
318     \href{http://hssa-journal.org}
319     {\color{white}The History of Science in South Asia}

```

```

320      \textbullet\
321      Department of History and Classics,
322      2--81 HM Tory Building, University of Alberta,
323      Edmonton, AB, T6G 2H4,
324      Canada.}%
325      \vspace*{-20pt}
326 }

```

### 3.14 Tweak captions → footnotesize

\@makecaption

```

327 % originally for Speziale
328 \long\def\@makecaption#1#2{%
329     \vskip\abovecaptionskip
330     \footnotesize % added footnotesize
331     \sbox\@tempboxa{#1: #2}%
332     \ifdim \wd\@tempboxa >\hsize
333     #1: #2\par
334     \else
335     \global \@minipagefalse
336     \hb@xt@\hsize{\hfil\box\@tempboxa\hfil}%
337     \fi
338     \vskip\belowcaptionskip}

```

### 3.15 Page layout dimensions

DW can this be superseded by the geometry package?

pagelayout

```

339 \renewcommand\topfraction{1}
340 \renewcommand\bottomfraction{.8}
341 \renewcommand\textfraction{0}
342 \renewcommand\floatpagefraction{.8} % 0.95 better ???
343 \renewcommand\dbltopfraction{1}
344 \renewcommand\dblfloatpagefraction{.8}
345 \renewcommand\topfraction{1}
346 \renewcommand\bottomfraction{.8}
347 \renewcommand\textfraction{0.1}
348 \renewcommand\floatpagefraction{0.95} % was 0.8 changed 1

```

### 3.16 Misc layout settings

```

349 \lefthyphenmin=3
350 \righthyphenmin=3

```

```

351 %\RequirePackage[hang]{footmisc}
352 %\setlength\footnotemargin{.8em}
353
354 %\geometry{footskip=42pt}
355
356 \RequirePackage{lettrine}
357 \RequirePackage[normalem]{ulem}

```

### 3.17 Journal-specific user-facing macros

`HSSAspecialissuedetails` Only for for guest-edited single-theme issues.

```

358 \def\HSSAspecialissuedetails#1{\gdef\@HSSAspecialissuedetails{#1}}
359 \HSSAspecialissuedetails{\empty }

```

`\HSSAissuenum` Provide user command `\HSSAissuenum`.

```

360 \def\HSSAissuenum#1{\gdef\@HSSAissuenum{#1}}
361 \HSSAissuenum{999}

```

`\HSSAarticletitle` Provide user command `\HSSAarticletitle`

```

362 \def\HSSAarticletitle#1{\gdef\@HSSAarticletitle{#1}\hypersetup{pdftitle=#1}}
363 \HSSAarticletitle{My Life}

```

Provide user command `\HSSAauthorname`

```

364 \def\HSSAauthorname#1{\gdef\@HSSAauthorname{#1}\hypersetup{pdfauthor=#1}}
365 \HSSAauthorname{Joe Bloggs}

```

Provide user command `\HSSAissuedate`

```

366 \def\HSSAissuedate#1{\gdef\@HSSAissuedate{#1}}
367 \HSSAissuedate{1900}

```

Provide user command `\HSSAauthoraddress`

```

368 \def\HSSAauthoraddress#1{\gdef\@HSSAauthoraddress{#1}}
369 \HSSAauthoraddress{Timbuktu}

```

Collect DOI info when ready and print it in covercitation Provide DOI when we have it.

```

370 \def\DOI#1{\gdef\@DOI{#1}}
371 \gdef\@DOI{\empty}
372 %%\newtoks\DOI
373 \newcommand{\printDOI}{\ifx\@DOI\empty\relax
374   \else
375   {\def\@urlcolor{Maroon!20}
376     \textsc{doi:} \href{https://doi.org/\@DOI}{\@DOI}.\fi }
377 }

```

Say `\DOI{xxx}`, and then later `\printDOI` where you want it printed.

`\covercitation` Gather the required information for the MLA cover citation and format it for output

```

378 \def\covercitation#1{\gdef\thecovercitation{#1}}
379 %
380 \covercitation{\@HSSAauthorname. "\@HSSAarticletitle."
381   \emph{\@HSSAtitle}, \@HSSAissuenum\ (\@HSSAissuedate):
382   \thefirstpage--\thelastpage. \printDOI }
383 %/DW

384 \def\fspace#1{\addfontfeature{LetterSpace=#1}}

```

### 3.18 Customizing the sectioning commands

`\section`

```

385 \setcounter{secnumdepth}{1}
386 \renewcommand\section{\@startsection {section}{1}{\z@}%
387   {-18\p@ \@plus 6\p@ \@minus 3\p@}%
388   {9\p@ \@plus 6\p@ \@minus 3\p@}%
389   {\normalsize\centering\fspace{10}\MakeUppercase}}
390 \renewcommand\subsection{\@startsection{subsection}{2}{\z@}%
391   {-15\p@ \@plus 6\p@ \@minus 3\p@}%
392   {6\p@ \@plus 6\p@ \@minus 3\p@}%
393   %           {\normalfont\footnotesize\fspace{10}\centering\MakeUppercase}}
394   {\normalfont\large\scshape\fspace{8}\centering\MakeLowercase}}
395 \renewcommand\subsubsection{\@startsection{subsubsection}{3}{\z@}%
396   {-15\p@ \@plus 6\p@ \@minus 3\p@}%
397   {\p@}%
398   {\normalfont\normalsize\itshape\centering}}

```

### 3.19 Collecting the page-number information

```

399 \def\HSSAfirstpage#1{\gdef\thefirstpage{#1}}
400 \def\HSSAlastpage#1{\gdef\thelastpage{#1}}
401 % Initialize the values:
402 \HSSAfirstpage{000}
403 \HSSAlastpage{999}

```

### 3.20 Creative Commons logo

```

404 \newbox\cclogobox
405 \global\setbox\cclogobox=\hbox{%
406   \includegraphics[width=10mm]{/home/dom/Dropbox/localtexmf/tex/HSSA/cc-by-sa.eps}}

```

### 3.21 Tweak tabular layout

```

407 \newcommand\arraybslash{\let\\\@arraycr}
408 \setlength\tabcolsep{1mm}
409 \renewcommand\arraystretch{1.3}

410 \RequirePackage{xltextra}
411 \emergencystretch=.1\columnwidth

```

### 3.22 Not used

Legacy code to be thought about and probably weeded out.

```

412 %\HSSAJournalAbbrev{Hist.~Sci.~South Asia}
413 \definecolor{bg}{HTML}{600000}
414 \colorlet{pagecolor}{bg}
415 \colorlet{urlcolor}{black!50}
416 \colorlet{endurlcolor}{pagecolor!30}
417 \colorlet{linkcolor}{black!50}
418 \colorlet{endscriptcolor}{pagecolor!20}

```

### 3.23 PDF metadata

Commented out because it interferes with other stuff.

```

419 % \pdfstringdef{\@temppdftitle}{\@HSSAarticletitle}
420 % \pdfstringdef{\@temppdfauthor}{\@HSSAauthorname}
421 % \pdfinfo{
422 %     % copying out title because of macro expansion problems
423 %     /Title (\@temppdftitle)
424 %     /Author (\@temppdfauthor)
425 %     /Keywords (DOI: https://doi.org/\@DOI)
426 % }
427 %}

```

The pdfx package clashes with using \hypersetup to embed XMP data.  
Commented out.

```

428 %\usepackage[a-1b]{pdfx} % get an archival PDF
429 % optionally, create a file \jobname.xmpdata with \Author{} \Title{} \Copyright{}
430 % \CopyrightURL{} \Keywords{}

```

### 3.24 Hypertext links

\hypersetup Settings for hypertext links, used by hyperref. These settings also include hyperxmp settings to embed XMP metadata in the PDF. The \@ macros don't expand at the right time. A problem for another day. In any case, hyperxmp seems to get more or less the right data from \author etc.

```

431 \hypersetup{colorlinks=true,

```

```

432     bookmarksopen=false,
433     pdfpagescrop={39 62 554 759},
434     % now hyperxmp settings:
435     pdfauthor={\@HSSAauthorname},
436     pdftitle={\@HSSAarticletitle},
437     pdfcopyright={\copyright\ The Author},
438     pdfdoi={\@DOI },
439     pdfurl={https://doi.org/\@DOI},
440     pdfissn={2369-775X},
441     pdflicenseurl={https://creativecommons.org/licenses/by-sa/4.0/},
442     pdfpublication={History of Science in South Asia},
443     pdfcaptionwriter={Dominik Wujastyk},
444     pdfurl={https://journals.library.ualberta.ca/hssa/},
445     pdfpublisher={University of Alberta Library},
446     pdfpubtype={journal},
447     pdfpubstatus={VoR}, % Version of Record
448 }

```

### 3.25 Simple indented, environment for Sanskrit verses

`\beginsloka`

```

449 %\newenvironment{sloka}
450 % {\list{}{\rightmargin\leftmargin}%
451 %     \item\relax}
452 %{\endlist}
453 %
454 %\newenvironment{sloka} % tweaked from verse
455 %{\let\\\@centercr
456 %    \parindent 1em
457 %    \leavevmode \hskip-.03em
458 %    \rightmargin \leftmargin
459 %    \advance \leftmargin 10em
460 %    \advance\leftskip 2em
461 %    \advance\rightskip 2em
462 %\narrower
463 }
464 {\relax }

```

### 3.26 Diatop

`\diatop` `\diatop`, used for r underdot overbar ( $\bar{r}$ , F6, 246) See Conference Proceedings, *TeXniques* no.5, p. 11.

```

465     \def\diatop[#1|#2]{\leavevmode{\setbox1=\hbox{\{#1\}}\setbox2=\hbox{\{#2\}}}%
466         \dimen0=\ifdim\wd1>\wd2\wd1\else\wd2\fi%

```



```

467      \dimen1=\ht2\advance\dimen1by-1ex%
468      \setbox1=\hbox to1\dimen0{\hss#1\hss}%
469      \rlap{\raise1\dimen1\box1}%
470      \hbox to1\dimen0{\hss#2\hss}}}%

```

E.g. of use: `\diatop[\ ' | {\=o}]` gives o macron acute.

### 3.26.1 Unknown

Again, what's this? "get rid of the alphabetic headers"?

```

471      \newcommand{\lettergroup}[1]{\smallskip }

```

## 3.27 Mini edition environment

miniedition Documented at [the Cikitsā blog](#).

First make a hanging footnote setup to use for these minipage notes:

```

472 % nice hanging-indent footnotes. LaTeX Companion, p.73:
473 \def\hangfootnotes{%
474     \renewcommand{\@makefnmark}[1]{\setlength{\parindent}{0pt}%
475         \begin{list}{}{\setlength{\labelwidth}{1.5em}%
476             \setlength{\leftmargin}{\labelwidth}%
477             \setlength{\labelsep}{3pt}\setlength{\itemsep}{0pt}%
478             \setlength{\parsep}{0pt}\setlength{\topsep}{0pt}%
479             \footnotesize}\item[\hfill\@makefnmark]##1%
480         \end{list}}%
481 }

482 \newenvironment{miniedition}
483     {\begin{quote}
484         \addtolength{\textwidth}{-2\rightmargin} % width of the quote environment
485         \begin{minipage}{\textwidth}
486             \let\footnoterule\relax % if you want a rule, comment out this line.
487             \hangfootnotes
488             % \let\footnote\originalfootnote
489         }
490     {\end{minipage}
491     \end{quote}
492 }

```

Resetting `\footnote` to `\originalfootnote` is no longer needed. Standard non-reledmac L<sup>A</sup>T<sub>E</sub>X footnotes are now restored by the `\@minipagerestore` hook in the file `hssa-reledmac.sty`.

### 3.28 Index of Manuscripts

`\MScite` The command `\MScite` is defined in `hssa-indexing.sty` that is loaded earlier in this file.

Usage:

```
\MScite{City Library Accession no.}  
\MScite{London Wellcome Indic alpha 23}  
\printindex[manuscripts]
```

## 4 Style file for HSSA journal: hssa.sty

Style file for the HSSA journal.<sup>1</sup> Here in hssa.sty, I'm keeping the code that is not part of the core of HSSA's design, including calls to other style files that might or might not be included for different articles.

### 4.1 Load basic macros for reledmac (footnote cols)

```
493 \usepackage{hssa-reledmac} % journal home style, two-col footnotes
```

We don't load hssa-biblatex as an option here because it is already loaded in hssa.cls; it's a permanent feature of HSSA.

### 4.2 Set up the languages and fonts, Polyglossia-style

#### 4.2.1 British English, Greek, Sanskrit

```
494 \setdefaultlanguage[variant=british]{english}
495 %\setotherlanguage{japanese} % still experimental in Polyglossia
496 \setotherlanguage{greek}
497 \setotherlanguage{sanskrit}
```

#### 4.2.2 T<sub>E</sub>X Gyre Pagella, the default roman font for HSSA

```
498 \setmainfont[Ligatures=TeX,
499 Mapping=tex-text,
500 Numbers=OldStyle]{TeX Gyre Pagella}
501 %\setmainfont[Scale=1.05]{Alegreya} % quite nice; superscripts not smaller
502 %\setmainfont{Libertinus Serif} % looks good; does math
```

#### 4.2.3 Sanskrit input in Devanagari script

```
503 \newfontfamily\sanskritfont[Script=Devanagari,
504 %Mapping=RomDev,
505 FakeStretch=1.08, % improves Sanskrit 2003
506 ]
507 {Sanskrit 2003}
508 % {Murty Sanskrit}
509 \let\dn\sanskritfont %for legacy Velthuis-encoded documents
```

#### 4.2.4 Sanskrit input in IAST script, output in Devanagari

```
510 % Sanskrit input in IAST
511 \newfontfamily\devanagarifont[Script=Devanagari,
512 Mapping=RomDev,
513 FakeStretch=1.08, % improves Sanskrit 2003
```

---

<sup>1</sup>See <http://tug.org/pracjourn/2005-3/asknelly/> for a nice statement of the difference between .cls and .sty files.

```

514 ]
515 % {Murty Sanskrit}
516 {Sanskrit 2003}
517 \newcommand{\dev}[1]{\devanagarifont#1}
518 %\newcommand{\dev}[1]{\textdevanagari{#1}}
519 \newcommand{\largesloka}[1]{\raggedright \devanagarifont\large #1\par}}

```

#### 4.2.5 Chinese

```

520 \newfontfamily\cjk[Script=CJK,Mapping=tex-text,Scale=MatchLowercase]
521 % {IPAexMincho} % missing
522 % {TakaoPGothic}
523 {Yu Mincho}
524 %

```

#### 4.2.6 Greek font

```

525 % Greek
526 \newfontfamily\greekfont{Gentium Plus}[Script=Greek,
527     Mapping=tex-text,
528     Scale=MatchUppercase]
529 %
530 % {Old Standard}
531 % {GFS Porson}
532 % {GFS Didot}
533 % {Galatia SIL}
534 % {Linux Libertine O}

```

See [Stackexchange about Greek fonts](#).

### 4.3 Local generic author-facing macros

```

\bce
\ce 535 \def\bce{\textsc{bce}} % I took out the final \xspace
\BCE 536 % because it's behaviour is hard to predict - DW
\CE 537 \def\ce{\textsc{ce}} % ditto.
538 \let\BC\bce \let\BCE\bce \let\AD\ce \let\CE\ce

```

### 4.4 Math mode with Unicode fonts

```

539 \usepackage{unicode-math} % must load after amsmath; see manual ch. 3
540 %\setmathfont{texgyrepagella-math.otf} % doesn't have old style numerals.
541 \setmathfont{Asana Math}[Numbers=OldStyle]

```

## 4.5 Two-column footnote formatting

With help from [EDMAC](#) and [Stackexchange](#).

```
542 \usepackage[nocritical,
543     noend,
544     %noeledsec,
545     %noledgroup,
546     series={A,B}]{reledmac}
547 \usepackage{setspace}
548 %\let\footnoteruleA=\relax % do we want a footnoterule?
549 \def\thempfootnote{{\itshape\@alph\c@mpfootnote}} % from latex.ltx
550 \arrangementX[A]{twocol}
551 \colalignX{\relax } % looks better. But should we optimize narrow columns
552 %by going \verb"\raggedright"?
553 \beforenotesX{2em plus 1.5em minus 1.5em} % spacing above notes
554 \renewcommand*{\normalfootfootmarkX}[1]{%
555     \@nameuse{@thefnmark#1}\hspace*{.5em}}
```

`\footnote` `\footnote` is not going to be the standard L<sup>A</sup>T<sub>E</sub>X footnote. So store the standard version. Then restore the standard `\footnote` when inside minipage environment.

Finally, make the command `\footnote` into the `reledmac` two-column command.

```
556 \let\originalfootnote=\footnote % store this for use in minipages
557 \def\@minipagerestore{\let\footnote\originalfootnote} % restore standard \footnote
558 % Now change \verb"\footnote" to the reledmac version:
559 \let\footnote=\footnoteA
```

[Stackexchange help](#).

```
560 \usepackage{microtype}
```

## 5 Biblatex settings for HSSA

Don't need this at present:

```
561 % \usepackage[%  
562 % tools={manuscripts},  
563 % bibstyle={authoryear},  
564 % ]{biblatex-multiple-dm} % for biblatex-manuscripts-philology
```

### 5.1 Load Biblatex

```
565 \usepackage[%  
566 backend=biber,  
567 %bibstyle=multiple-dm, % for biblatex-manuscripts-philology  
568 %citestyle=authoryear-comp,  
569 %  
570 % now oxref:  
571 style=oxyear,  
572 dashed=true,  
573 usetranslator=true,% see oxref documentation para 2.1.10  
574 %ibidtracker=constrict,  
575 %ibidpage=false,  
576 %pagetracker=page,  
577 %idemtracker=constrict,  
578 sorting=ynt,
```

(on ynt, see [Cikitsā blog post](#).)

```
579 sortcites=true,  
580 backref=false,  
581 date=comp,  
582 datecirca=true,  
583 dateuncertain=true,  
584 bibencoding=auto,  
585 hyperref=auto,  
586 isbn=true,  
587 doi=true,  
588 language=auto,  
589 natbib=true,  
590 texencoding=auto,  
591 url=true,  
592 urldate=short,  
593 useprefix=true,  
594 %refsection=section,  
595 maxbibnames=10]{biblatex}
```

## 5.2 Settings for oyear

```
596 \ExecuteBibliographyOptions[% for biblatex-oyear
597 book,
598 mvbook,
599 mvcollection,
600 inbook,
601 incollection,
602 inreference,
603 collection,
604 reference,
605 mvreference]{useeditor=true,usetranslator=true}
606 \AtBeginDocument{\assignrefcontextentries[]{*}}
```

See [Cikitsā blog post](#) for further explanation of the above.

## 5.3 Bibliography sorting

To avoid saying `\newrefcontext[sorting=nyt]` before `\printbibliography` in every document redefine `\printbibliography`

`\printbibliography` (from biblatex.sty):

```
607 \renewrobustcmd*{\printbibliography}{%
608   \newrefcontext[sorting=nyt] % added this line
609   \begingroup
610   \delimcontext{bib}%
611   \edef\on@line{\on@line}%
612   \@ifnextchar[%
613     {\blx@printbibliography}
614     {\blx@printbibliography[]}]
615 }
```

## 5.4 Positioning of the notes

To make bibtex notes print last, like addendums from [Stackexchange](#).

```
616 \DeclareSourceMap{
617   \maps[datatype=bibtex]{
618     \map{
619       \step[fieldsource=note, final]
620       \step[fieldset=addendum, origfieldval, final]
621       \step[fieldset=note, null]
622     }
623   }
624 }
625 \usepackage{csquotes}
```

## 5.5 Tweak the citation style

Remove the “p.” and “pp.” from, for example, `\volcite` :

```
626 \DefineBibliographyStrings{english}{%
627     page          = {},
628     pages          = {},
629 }
```

## 5.6 Unused code

Biblatex documentation 4.11. and macros from biblatex.def Enable hot URLs for PDFs at Archive.org and Academia.edu etc.

Make URLs smaller:

```
630 %\DeclareFieldFormat{url}{\textsc{url:} {\small \href{#1}{\nolinkurl{#1}}}}
631 %\DeclareFieldFormat{doi}{\textsc{doi:} {\small \href{#1}{\nolinkurl{#1}}}}
```

## 5.7 URL formatting in the bibliography

### 5.7.1 Buddhist Digital Resource Center

```
632 \DeclareFieldFormat{eprint:tbrc}{%
633     \textsc{TBRC}\space
634     \ifhyperref
635     {\href{https://www.tbrc.org/\#!rid=#1}{\nolinkurl{#1}}}
636 {\nolinkurl{#1}}}
```

### 5.7.2 ARK

```
637 \DeclareFieldFormat{eprint:ark}{%
638     \textsc{ark:}\space
639     \ifhyperref
640     {\href{https://n2t.net/#1}{\nolinkurl{#1}}}
641 {\nolinkurl{#1}}}
```

### 5.7.3 Archive.org

```
642 \DeclareFieldFormat{eprint:archive}{%
643     Internet Archive\addcolon\space
644     \ifhyperref
645     {\href{http://archive.org/details/#1}{\nolinkurl{#1}}}
646 {\nolinkurl{#1}}}
647 \DeclareFieldAlias{eprint:archiveorg}{eprint:archive}
```

### 5.7.4 Academia.edu

```
648 \DeclareFieldFormat{eprint:academia}{%
```



```

649 Academia.edu\addcolon\space
650 \ifhyperref
651 {\href{http://www.academia.edu/#1}{\nolinkurl{#1}}}
652 {\nolinkurl{#1}}}
653 \DeclareFieldAlias{eprint:academia.edu}{eprint:academia}

```

### 5.7.5 Digital Library of India

```

654 \DeclareFieldFormat{eprint:dli}{%
655 DLI\addcolon\space
656 \ifhyperref
657 {\href{http://www.dli.gov.in/cgi-bin/DBscripts/allmetainfo.cgi?barcode=#1/}{\nolinkurl{#1}}}
658 {\nolinkurl{#1}}}
659 \DeclareFieldAlias{eprint:DLI}{eprint:dli}

```

### 5.7.6 JSTOR

```

660 \DeclareFieldFormat{eprint:jstor}{%
661     \ifhyperref
662     {\href{http://www.jstor.org/stable/#1}{\small JSTOR}}}
663     {\nolinkurl{#1}}}

```

### 5.7.7 Jainelibrary

```

664 \DeclareFieldFormat{eprint:jainlibrary}{%
665 Jain eLibrary\addcolon\space
666 \ifhyperref
667 {\href{http://www.jainlibrary.org/book.php?file=#1}{\nolinkurl{#1}}}
668 {\nolinkurl{#1}}}

```

### 5.7.8 DOI

```

669 \DeclareFieldFormat{doi}{%
670     \textsc{doi}\addcolon\space
671     \ifhyperref
672     {\href{https://doi.org/#1}{\nolinkurl{#1}}}
673     {\nolinkurl{#1}}}

```

## 5.8 Tweaks to make the citation form:- Author date: page

```

674 \DeclareFieldFormat{postnote}{#1}
675 \renewcommand{\postnotedelim}{: \,}
676 \renewcommand{\nameyeardelim}{ }

```

## 5.9 “Forthcoming” hacks

Biblatex hacks to get pubstate (“forthcoming” etc.) behaving as it should

Biblatex manual 4.5.10

```

677 \DeclareLabeldate{%

```

```

678 \field{date}
679 \field{year}
680 \field{pubstate}
681 \field{eventdate}
682 \field{origdate}
683 \field{urldate}
684 \literal{nodate}
685 }

```

## 5.10 Tighten up URL date

```

686 \DeclareFieldFormat{urldate}{%
687   (on
688   \thefield{urlday}\addspace%
689   \mkbibmonth{\thefield{urlmonth}}\addspace%
690   \thefield{urlyear})\isdot}

```

## 5.11 Hyperlink magic

Some magic from “moewe” at [Stackexchange](#) that makes hyperlinks work from citations to a list of abbreviations.

```

691 \DeclareFieldFormat{shorthandwidth}{%
692   \bibhypertarget{shorthand:\thefield{entrykey}}
693   {#1}}
694
695 \DeclareFieldFormat{bibhyperref}{%
696   \iffieldundef{shorthand}
697   {\bibhyperref{#1}}
698   {\bibhyperlink{shorthand:\thefield{entrykey}}{#1}}}

```

TeX stops reading here.

## 6 Indexing for HSSA

Formerly used xindy; now updated to use xindex

```
699 \usepackage[imakeidx]{xindex}
700 % \PassOptionsToPackage{nonewpage}{imakeidx}
701 %
702 \indexsetup{level=\section*,
703     noclearpage,
704     firstpagestyle=fancy
705 }
706 %
707 \makeindex[name=lexical,
708 title=Lexical Index,
709 columns=3,
710 options= --config iast --no_casesensitive --noheadings, % nocasesensitive,
711 %noheadings
712 ]
713 %
714 \makeindex[name=manuscripts,
715 title=Index of Manuscripts,
716 options= --config iast --no_casesensitive --noheadings,
717 columns=1]
718 %
```

Before the `\printindex` command say  
“`\indexprologue{References are to page numbers.}`”

### 6.1 English-Sanskrit indexes

Command for English words to be followed by Sanskrit in parentheses, and both to be sent to the lexical index.

```
\saneng
719 \newcommand{\saneng}[2]
720 % #1 = Sanskrit
721 % #2 = English
722 {#2 (\sansk{#1})%
723     \index[lexical]{#2!#1@\emph{#1}}%
724     \index[lexical]{#1@\emph{#1}!#2}}
```

`\ssaneng` A “silent” version of `\saneng` that sends items to the index but prints nothing in the main text.

```
725 \providecommand{\ssaneng}[2]{% silent index entry
726 % #1 = Sanskrit
```

```

727% #2 = English
728 {\index[lexical]{#2!#1@\emph{#1}}}%
729 \index[lexical]{#1@\emph{#1}!#2}}

```

Tidy up the index spacing:

```

730 \renewcommand\@idxitem{\par\hangindent 15\p@ }% from sanmed.sty

```

## 7 Commands for citing and indexing manuscripts

\MS

```

731 \newcommand{\MS}[1]{MS #1\index[manuscripts]{#1}}
732 \let\MScite=\MS

```

And a silent version (data to index; nothing in text):

```

733 \newcommand{\MSsilent}[1]{\index[manuscripts]{#1}}
734 \let\MSnocite=\MSsilent

```

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