APPENDIX-III
QUESTIONNAIRE FOR INFORMATION SERVICES

Please put (✓) mark or write Yes or No

1. Name & Designation
   Of the head of the Institute:-

2. Name & Designation of the Librarian

3. Qualifications & scale of the Librarian

4. Library finance: Budget for the Institute and Library for 2009-2010 and 2010-2011
   Year Institution Budget Library Budget
   2009/2010
   2010/2011

5. Library collection: Please indicate the number of volumes available in the following categories in your Library?
   i) Books   ii) Bound Volumes   iii) Non-book Material
   iv) Theses   v) Dissertations

6. Technical Processing:
   i) Scheme used for the classification: DDC / UDC / CC / other put a (✓) mark
   ii) Does the Library has catalogue yes / No
   If yes, does the Catalogue Cover
   i. Entire Collection 2. Partial collection
   iii) Type of Catalogue: Dictionary / classified / other

7. Circulation Activities method adopted for issue / return of Documents
   Newark / Browne / Ledger / other system

8. Library Services
   Does your Library provide the following services Put (✓) mark?
   1) New Addition 4) Contents of Periodicals
   2) Bibliographical 5) SLI
   3) Literature Search 6) Digest Information
   7) Translation 8) Reprographic
   9) News Paper Clipping

9. Library Document Resources (No. of books / Journals added in the sessions)
   2008 / 09 2009 / 10 2010 / 11
   1) Books
   2) Journals
10. **Membership**: Membership of the Library 2010

<table>
<thead>
<tr>
<th>Teachers</th>
<th>Researchers</th>
<th>Students</th>
<th>Adm. Staff</th>
<th>Others</th>
</tr>
</thead>
</table>

11. **Computer Applications**
Manuel / Automation / Internet

12. **Special Services**
Conduct or organize another program

1) Seminar  
2) conference  
3) Workshop  
4) Special Lecture  
5) Quiz  
6) Any other work

13. **Problems**: Problem comforting the Institute if any put (✓) mark

1) Collection  
2) Funds  
3) Staff  
4) Space  
5) Management Support  
6) Others

14. Name the future projects if any

1.  
2.  
3.

(Thanks for your Co-operation)
JOURNAL GLOBAL VALUES
An International Journal devoted to publish theoretical and field work base articles or research papers on Anthropology, History, Geography, Sanskrit, Jyotish, Human Values, Ethics and Religion. Journal attends old writers and encourage new scholars.

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<th></th>
<th>India</th>
<th>Rs 400/- Each</th>
<th>Annual</th>
<th>Rs 800/- 2 Issue</th>
<th>Out of India</th>
<th>$ 40/- Each</th>
<th>Annual</th>
<th>$ 60/- 2 Issue</th>
</tr>
</thead>
</table>
Contents

1. Constitutional And Statutory Framework Of The Right To Information In India
   Bindu Sangra

2. India's Trade Relations With Pakistan- Future Prospects
   Dr. Satish Chandra Pant

3. Effectiveness Of New Learning Package To Improve Grammatical Capacities Among Kannada Language Teacher Trainees
   A.B.Chandrashokhar, Dr. Geetha C.

4. Reflection Of Adults Views After Continuing Education Programs
   Dr. Keisham Shitaljit Singh
   C.Naisingboi Khuptong

5. An Evaluative Study On Home Based Education For Specially Needed Children Under Sarva Shiksha Abiyana
   H.P. Shankar, Dr. Geetha C.

6. Parent Involvement In Children's Education, In Relation To Academic Achievement At The Level Of Adolescence
   Mrs. Manjula D.

7. A Historical Study Of Educational Status And Rehabilitation Facilities Of Children Under Care And Protection In Correctional Institutions.
   K.K. Prakasha, Dr. Basappa

8. The Way Of Wideness And Incalculable Nature In The Characters Of Somerset Maugham
   Dr. Zubair Khan
9. Dalit Women And Organisation
   Bhagyashree H.Dodamani, Dr. M.B. Dilshad

10. Present Scenario Of Inline Education In India
    Dr. Keisham Shitaljit Singh

11. E-Resources In Sanskrit Language And Literature
    Shiv Kumar Varma

12. PR In The Digital Age
    K. S. Ranganatha

13. Importance Of Communications Skills
    Dr. Priya Sharma

14. An Evaluative Study On Home Based Education To Develop Life Skills Among Specially Needed Children
    H.P. Shankar, Dr. Geetha C.

15. Whitman’s Mysticism
    Dr. Priya Sharma

16. Parenting Styles and Its Impacts on Child’s Development
    Dr. Keisham Shitaljit Singh

17 Economic Recession—a Marketing Boon Or Bane???
    Ms. Kavita Sasidharan Kulkarni

18 Effectiveness Of New Learning Package To Improve The Selected Variables Of Grammatical Capacities Among Kannada Language Teacher Trainees.
    A.B. Chandrashekar, Dr. Geetha C.

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Abstract

Computer is the communication medium of this age. The association of Sanskrit with Computer is constantly exciting our attention and curiosity. It is because of the fact that the electronic data processing system has enabled us to speculate on new dimensions of knowledge and quick problem solution. Certain areas of Sanskrit in which complete application will be possible like learning and teaching of basic Sanskrit, designing and Re-designing Sanskrit for a purpose, Computer aided Sanskrit texts, Machine—aided Translation, Machine Translation, Theory oriented Research for Computational Sanskrit etc.

The main aim of this paper is to provide search and access to web links on internet based/web based full text e-Resources in Sanskrit language and literature and the role of various service provider institutions i.e. C-DAC, IIT Kanpur, National Mission for Manuscript (NMM), Sanskrit Bharati, Vidyanidhi etc.

Key word: Internet, Sanskrit, C-DAC, NMM and Vidyanidhi.

Sanskrit is a versatile language with rich potential for becoming the medium of communication for all fields of Knowledge. It is a fact that Sanskrit was a Language of common mass use and also

*Librarian VVBIS & IS, P.U., Hoshiarpur (P.b.)
the medium of instruction and communication in many institutions of higher learning in the distant past. We are aware that many classical treaties in Mathematics, astronomy, and medical sciences were all written in Sanskrit. Many profound ideas of Physics and Chemistry are contained in the Vedas and the Upanishads. It is now being recognized that Sanskrit is a language which can be used for development of computer software.

Computer was developed with a view that the information of the whole universe will be put in the machine and whenever anybody requires any piece of information already feed in, within no time it will make available that required information after processing.

Computer can also play an important role in teaching and learning processes of Sanskrit. The advent of ICT has revolutionized the art of publication as well communication. It is because of the fact that the electronic data processing system has enabled us to speculate on new dimensions of knowledge and quick problem solutions.

There are people who show interest in Sanskrit for specific purposes. For example, scholars from non-Sanskrit disciplines require basic knowledge of ancient science in India.

Similarly, non-scholar people want to use Sanskrit for certain cultural and ritual expressions. If Sanskrit is Computationally designed and re-designed for a given task to produce concordance softwares, ritualogical packages for a lexical data bases then it will find a market in language engineering spheres.

There are so many Organizations, Institutes, Religious Communities, Academic bodies i.e. Vidyalas, Mahavidyalas, Visvavidyalas and Sanskrit scholars who want to preach and popularize
Sanskrit language and literature (work). They have created websites for the promotion of Sanskrit studies and research. Some prominent service provider institutes are the following:-

**CENTER FOR DEVELOPMENT OF ADVANCE COMPUTING (C-DAC)**

Since its inception in 1991, it has been a pioneer in development and proliferating the use of Indian languages i.e. Sanskrit on Computer.

This technology is now extended to include multimedia and multilingual computing solution covering a vide range of applications such as publishing and printing, word processing, office application suites with language interfaces for popular their party software's in various operating platforms, electronic mail, machine translation, language learning, video and television and multimedia content in Indian languages including Sanskrit. These have been successfully Commercialized.

C-DAC has successfully launched the two programmes i.e.

a) Graphic and intelligence based script technology (GIST); and
b) Applied Artificial Intelligence (AAI)

2. **INDIAN INSTITUTE OF TECHNOLOGY (IIT)**, Kanpur Department of Computer Science Engineering, Ministry of Information and Technology, Govt. of India under its programme, Technology for Indian languages i.e. Sanskrit etc.

A remarkable collection, which can be viewed in a wide range of Indian scripts particularly Sanskrit script or Romanization
converted into P.D.F. (Portable document format) and downloaded, not only the “Gita” and its commentaries, but Upanishads (to include 12 major Upanishads with Sankara’s commentaries and translations in English as well as in Hindi languages), BrahmaSutra, Complete works of Sankara, Yoga Sutra bhashya, and many more Sanskrit granths converted and presented in electronic texts known as E-texts or E-Books.

The holy Geeta was hypertised and published as Geeta Vaatika (1992), perhaps the first electronic book published in India, the digitization work was completed by IIT, Kanpur.

In addition to E-Books, IIT, Kanpur has also developed a software for Sanskrit Books i.e.

1. E-Texts/software:- An Archive of Indic e-texts and ideological software.
2. E-Text from IIT, Kanpur prominent among these is the following Vedas, Upanishads, Sanskrit Grammar, Sanskrit Dramas, Subhashitas and Astrology etc.

3. **INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS (IGNCA)**

   www.ignca.nic.in: Indira Gandhi National Centre in 1999 affords a varied documentation of resources such as digital images, audio & video recordings, animations, electronic books & related Indian arts and cultural heritage. It contains digital images, audio & video recordings, animations, electronic books etc., related to Indian arts & culture. KALASAMPADA: Digital Library Resource for Indian cultural Heritage (DL-RICH) is a project under IGNCA which aims to develop a digital repository of content and information with a user-
friendly interface to enable the students, scholars, artists, researchers to access and view the materials including lakhs of manuscripts, slides, and rare books, photographs, audio and video, publications of IGNCA. COIL-Net content development in Indian Language Network is another project that aims to enhance the access to cultural resources using digital technology by implementing user-friendly Hindi based, web enabled heritage library. The main objective behind establishing this online tool is to encourage preservation of art and cultural heritage through digital documentation of works.

4. NATIONAL MISSION FOR MANUSCRIPTS (NMM)

NMM was launched in 2003 by the Ministry of Tourism and Culture, Government of India. Its aim is to save the valuable but less visible, of our cultural inheritances as that of Manuscripts (Mss.). An ambitious project the mission seeks not merely to locate, catalogue and preserve India’s MSS but to enhance access, spread awareness and encourage their use for educational and research purposes and protecting the Knowledge content through digitization since damage during handling by scholars cannot be prevented or overruled, the knowledge content would be protected through digitization. While the original manuscript will not be accessible, scholars will be able to use to digital copies for research purposes. Taking up critical editions, research and publication based on these MSS.

5. SRI AUROBINDO ASHRAM, PADUCHERRY (SABDA)
SABDA is a site for various online display and audio of Sanskrit tutorials, magazine from Sri Aurobindo Ashram, Paducherry. The publications can be ordered from SABDA.

6. **KHUDA BAKSH ORIENTAL PUBLIC LIBRARY, Patna**

www.kblibrary.bih.nic.in: The Khuda Baksh Oriental Public Library has initiated digitization of Arabic and Persian manuscripts of medieval India.

7. **NATIONAL MUSEUM INSTITUTE (NMI), New Delhi**


(Management of Resources in Digital Library by S.K. Pandey, University News, 48 (07) February p. 15-21, 2010).

8. **UNESCO** – UNESCO is continuously emphasizing the significance of digital preservation of cultural heritage of the World in any form, for the prosperity with the motto that

"Information should be for all"
9. **OAIS – OPEN ARCHIVAL INFORMATION SYSTEM.**
   It is an open archival information system developed by the consultative committee for space data system and adopted as ISO 14721: 2003. It is meant for archive, consisting of an organization of people and systems, that has accepted the responsibility to preserve information and make it available, i.e. digital for a designated community.

10. **ISRA—INTERNATIONAL SANSKRIT RESEARCH ACADEMY.** Its mission is—culture through Sanskrit and publication - Digital publication -Preservation and propagation San plan – Sanigbhasha. It is a unique project undertaken by the computer based on the model of Sanskrit language.

1. Sanskrit as a programming language.
2. Sanskritization - Refinement of the programming language.

Website: www.sanskritresearch.net