

Potential Products & Services

Multilingual Dictionaries, Thesauri, Educational Software, Encyclopedia, Gyan-Nidhi, Creative Writing System, Translation Support System, OCR, Text-to-Speech & Speech Recognition System, Pocket Translator, Personal Digital Assistants, Speech Engine, Reading machine for blinds & deafs, Portals, e-governance/e-business/e-skills, Cross Lingual Information Access.

TDIL Web Site

<http://VishwaBharat.tdil.gov.in> or <http://www.tdil.gov.in>

This Web Site contains information for various TDIL activities, achievements and provides access to a variety of content and downloadables in Hindi and for other Indian languages.

Free Downloads

- Indian Language keyboard driver & font
- iLEAP
- Desika
- Gita Reader
- Akshar for Windows
- Surbhi Professional
- Pocket Translation
- ALP Personal
- Punjabi Spell Checker
- Shabdabodha

FAQ: Frequently asked Questions on Indian language technologies

Samadhan Seva: To answer user's queries

Gyan Nidhi Seva: access to content, dictionaries

Implementation Strategy

Consolidation, Integration, Embedding and Innovation

- Technology Integration and Localization of solutions through Resource Centres
- Focus on user products, services and total solutions
- Technology Innovation Audit to promote standardization and sharing of technologies.
- Public Domain/General Public License (GPL) approach
- IT localization clinics for wider dissemination and internship training.
- Bilateral/International cooperation in Language Technology and Applications.

International Programmes in Multilingual Computing

1. *HLT (Human Language Technologies)* programme of European Union aims developing competitive technologies to facilitate seamless trade and commerce, access to educational and health care aids across their 11 European languages.

Website: <http://www.linglink.lu/hlt/>
<http://www.hltcentral.org/>

2. *TIDES (Translingual Information Detection, Extraction and Summarization)* The mission of the TIDES of USA is to develop the technology to enable use of English to locate, access, and utilize network-accessible text documents in other languages, without requiring any knowledge of the target languages. This will require advances in component technologies of information retrieval, translation, document understanding, information extraction, and summarization.

Website : <http://www.darpa.mil/ito/research/tides/index.html>

3. *UNL (Universal Networking Languages)* UNL is being developed by UN University, Tokyo. This covers 15 world languages. Hindi is also covered. This aims at development of converter and deconverter software for each language into/from UNL using a concept based dictionary and knowledge base. This will be used for on-line translation of documents, and for promoting information exchange without language barrier in the cause of peace among nations.

Website: <http://www.unl.ias.unu.edu/>
E-mail: uchida@unl.ias.unu.edu

4. Some other Websites on Language Technology programmes in other countries -

China <http://www.flce.org/china.htm>

Canada <http://www.landfield.com/faqs/natural-lang-processing-faq/>

USA <http://cslu.cse.ogi.edu/HLTSurvey/>
<http://www-csl.stanford.edu/>

Japan <http://iit.msu.edu/vol3num1/nunan>
www.links.nectec.or.th/orchid/pub/Papero.html

Russia <http://reenie.utexas.edu/reenie/countries/Russia/russia.html>
www2.hltcentral.org

Europe <http://cslu.cse.ogi.edu/HLTSurvey/HLTSurvey.html>
www.cpr.it , www.hltcentral.org

MNC Products Supporting Indian Languages

Microsoft supports Hindi and Tamil on Windows 2000, that is a popular Operating System.

Oracle 8i, that is Relational Database Management System, supports Hindi.

Lotus supports Hindi at menu level.