

## 2.0 TDIL @ ELITEX 2004

The annual event of Department of Information Technology was organized on 26-27 April at Indian Habitat Center, Lodhi Road, New Delhi. The Elitex' 2004 was inaugurated by Shri Arun Shourie, Hon'ble Minister of Communications & Information Technology and Disinvestment. The keynote address was delivered by Dr. R. Chidambaram, Principal Scientific Adviser to Government of India. Both the Hon'ble Guests during their speeches mentioned the importance of IT Sector and the efforts required to take the advantages of ICT to the masses. The role of close association between Academia, R&D institutions and industries emerged clearly and emphasized. The Hon'ble Minister released the report on "e-readiness" of different States as well as various Government Departments and Ministries with a view to encourage competition and enhance e-readiness. He also suggested to make ELITEX as the mega IT event highlighting the advantage and utility of IT sector to the general masses. The Hon'ble Minister has also announced the establishment of new institutions in the area of microelectronics and nano technologies and assured his full support for the R&D activities in the frontier areas of technologies. He desired the continuation of ELITEX as annual feature of DIT.

The scope of the ELITEX' 2004 has been enlarged to include official participation from European Countries besides the Central and West Asia, Gulf and Latin American and SAARC Countries. The member countries of Asia Electronics Info-Communications Union (AEIU) were also invited. The official delegations of these countries were expected to focus on the opportunities and tie-up possibilities with India, in a separate session during the seminar. The Seminar Sessions were held on the theme of Elitex' 2004 "**Technology vision: India in 2010**". Seminar Sessions also covered Enhancing e-Readiness as well as Technologies developed under DIT in Electronics and IT.

All the sessions attracted large participants. Besides creating awareness about DIT technologies, Elitex' 2004 promoted R&D industry linkages essential for the absorption of indigenous technology by the industry and for stimulating innovations. Dr. Om

Vikas, Senior Director & Head TDIL Mission, DIT brought out the information revolution, taking place, and in the emerging new paradigm Language technology coupled with IT, plays a key role in bringing digital divide. He also elaborated about the TDIL programme of the Department, focussed areas of R&D and the technical resource centres in various languages set up under the programme.

During the visit of the Secretary DIT to the exhibition the following items related to Indian Language Technologies were released by Secretary, DIT:

- Open Type Unicode Compliant Fonts developed by CoILNet CDAC, Pune.
- Nitishatkam : Shri Bhatrihari classic,
- Pragya : Mahamana Samriti Aank,
- Prachin Bharat mein Bhotiki developed by BHU, Varanasi.

The Language Technology Resource Centres and CoIL Net Centres setup under the TDIL Programme showcased the technologies and products developed by them during the Elitex 2004. The various technologies and products showcased by RCs and CoIL Net Centre are as given below:

- **BHU, Varanasi**- Displayed the various contents and applications developed by the centre in Hindi such as Krishak Mitra, Varanasi Ke Mandi Bhav etc.
- **Banasthali Vidyapith, Banasthali** - Displayed the various contents and applications developed by the centre in Hindi such as Ayurveda System, The Vedic Literature etc.
- **IIT, Kanpur** – Displayed the Hindi to English and English to Hindi Machine Aided Translation Support System.
- **TIET, Patiala** - Displayed the Gurmukhi OCR, Gurmukhi to Shahmukhi Transliteration System etc.
- **IGNCA, New Delhi** - Displayed the various contents and Tools developed by the centre.

- **CDAC, Trivandrum** – Displayed the Subhashini TTS System, Malayalam Messaging System-Sandesham and Malayalam OCR.
- **CDAC, Mumbai** - Displayed the IndiX-the localized Linux Operating System in Hindi language.

#### **COIL-Tech participation in the Elitex 2004.**

The COIL-Tech (Indian Languages Industry Consortium) is actively involved in market development for the Local Language Applications Industry. Apart from handling technical issues such as standardization, COIL-Tech coordinated display of Language Technology and Products at the TDIL stall at the ELITEX 2004. The display was executed in a highly professional manner, highlighting the product details and technological competence of COIL-Tech members. Six leading companies, including those in the products space, participated in the event. A significant number of business queries were generated.

#### **COIL-Tech members displayed the following products:**

- **Modular Infotech Pvt. Ltd. Pune** — Displayed ShreeLipi Word Processor, Ankur 1.2 & Ankur Office Suites, Meghdoot Mail, Shree Messenger board, Shree Discussions Forum and Smart Bazaar – a bilingual multi-user software.
- **Expert Software Consultants Limited, New Delhi** Displayed the Indic languages messaging system Bharati. It is a Unicode compliant Indic messaging System.
- **Summit Information Technologies Ltd.** - Displayed Indian languages Text and Database applications, Web content Management, Publishing and Media Technologies.
- **Prologix Software Solutions Pvt. Ltd.** - Displayed Vaachak — high quality, fully indigenous, Indian language Text to Speech Synthesizer.
- **WeP Peripherals Ltd.** — Displayed Customer

Solutions in Languages, Line Matrix Printer : Railways Chart printing, Delhi Vidyut Board Electricity Bills, Dot Matrix Printer : Land Records, Railways chart printing, State Schools etc.

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