



Innovation in the ICT sector in India

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Secretary General

ITSMA – Interactive Technology, Software
and Media Association

INDIA

ITSMA

Who we are

- Non Profit Organization
- ICT Association for **SMEs** in India
- Situated in the Silicon Valley of India – Bangalore.
- Liaise and network with other business organizations involved in the ICT sector

Objective

- Assist in development of Information Communication Technology (ICT) in Small & Medium Enterprises (SMEs)

through

- Networking
- Advocacy
- Developing Business partnerships
- International Expansion

The National Contact Point of the ICT programme of the FP7 programme of the EU

Euro India Research Centre

EIRC is a platform to promote EU-India co-operation in various sectors of research.

EIRC helps Indian organisations access EU funding.

The Centre assesses the relevance and compatibility of project ideas with EU policy.

90% of the staff are women

FP7 Research Themes

ICT

Nano-
sciences

Energy

Food,
Agriculture,
Biotech

Environ-
ment

Health

Transport

Security

Space

Socio-eco.
Sciences,
Humanities

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- India's Innovation capability spans across a wide spectrum of industries
- Innovation through R&D investment increased
 - USD 8.5 billion in 2005
 - Expected growth of R&D exports –\$11 billion by 2008.
- India is a hub for Higher education and research
 - Huge pool of graduates - 2.5 million per year in IT, engineering and the life sciences.
 - 3rd largest S&T manpower in the world,
 - 162 universities award 4,000 doctorates and 35,000 postgraduate degrees.
 - 2900 R&D institutions,
 - 1350 are in the private sector, over
 - 1250 are in-house R&D units

Innovation Process in India – A changing ecosystem in the IT sector

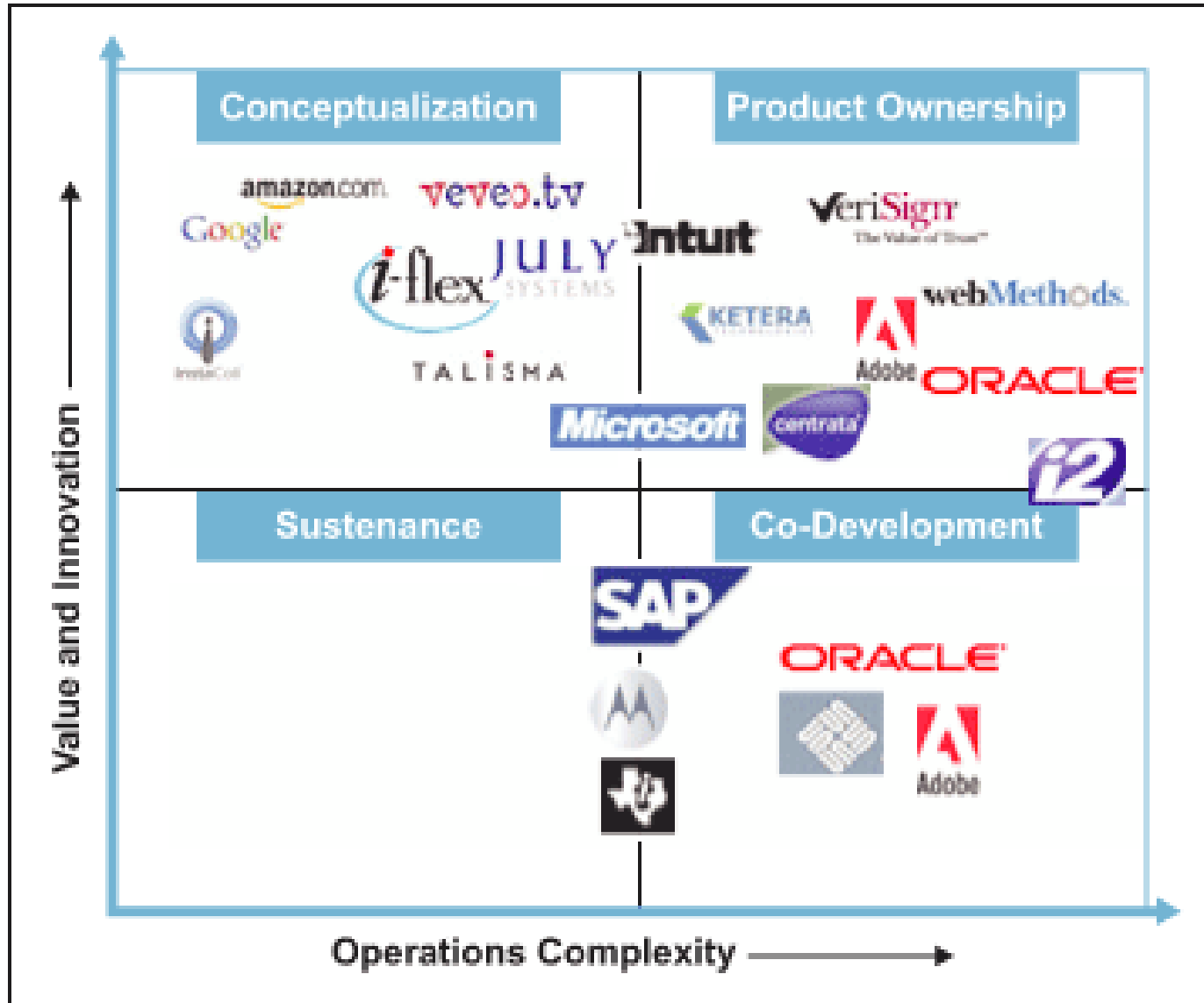
- India is evolving strong business models and the process innovation capabilities. – Global Delivery Models
- An IT product ecosystem is rapidly maturing in India.
 - New pool of experienced entrepreneurs.
 - Venture Capital is now available for product companies..
 - The Support System of specialist firms (legal, design, testing, etc)
 - The Social support for entrepreneurship is growing.

Innovation in the ICT Sector



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Indian Contribution to R&D in the ICT sector





The Latest Innovations from India & Indians Worldwide

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Encore Software



- Encore Software - a pioneer in developing technological solutions
- Innovation - Simputer - Low-cost (\$ 250) Personal Computer with multiple connectivity options
- Modular and extensible
- Free software from the Open Source Initiative
- Primary input is a touch-sensitive overlay on the LCD display panel

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Strand Life Sciences



Products powered by avadis™ are marketed world-wide by Strand and our partner Stratagene.



- *A specialist in the area of bioinformatics, aiming to harness the power of algorithms to make drug discovery research more effective and efficient.*
- The innovation: Avadis™, short for access, visualize, analyze and discover, is stated to be a comprehensive and modular data mining and predictive modeling platform.

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K-Yan

- K-yan “compact media center” for schools without enough computer equipment to go around
- K-yan has been developed by IL&FS ETS in collaboration with IIT, Bombay, to meet the urgent need for a low-cost new media product, specially designed for group learning in schools and other learning communities.
- The K-yan Community Computer combines the function of a multimedia computer, large format flat television, DVD/ VCD/ CD player, CD writer, projector, Internet, Video conferencing and Visual Audio System in a single compact unit



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MNCs in India

- Intel set up its first R&D centre in Bangalore in 1999. Intel is using this facility to work in e-Business applications, networking and communications, microprocessor and chipset design, manufacturing automation and systems software. Key programs at the centre include:
 - Design of the next generation microprocessors for server architecture
 - Next generation mobile chipsets for the Intel Centrino Mobile Technology
 - BIOS Display, now installed in over 100 million PCs was developed in India
 - Next generation switching silicon and router products
- Over 250 Multinational R & D Centers

"ABB Labs - Adaptec India Pvt Ltd - ADC (India) Communications and Infotech Pvt. Ltd.- Adobe India - ADP Wilco (India) Private Limited - Amdocs Development Centre India Private Ltd - American Megatrends India (AMI) Pvt. Ltd.- Analog Devices India - ANZ Information Technology Pvt Ltd - AOL Bangalore Development Centre (BDC) - Ariba Technologies India Development Centre - ASAP Automation India Pvt. Ltd.- Autodesk India Center of Excellence (CoE) - BEA Systems India Pvt Ltd - Bell Labs Research Center - BMC Software India-offshore Development Centre (ODC) - Borland India Private Ltd - Broadcom India Pvt Ltd - Business Objects (BO) India - Cadence Design Systems - CADS India Software (P) Ltd.- Caggemini India - Cerner Healthcare Solutions Pvt. Ltd - Cisco Systems (India) Private Limited - Citrix R&D India Pvt Ltd - Cognizant Technology Solutions - Cognos India - Comodo Security Solutions - Conexant Systems India Pvt. Ltd.- CR2 Centre of Excellence - CXO Systems India Pvt Ltd - Cypress India Design Center - Dell India R&D Center - EFI India Pvt. Ltd.- eFunds International India Ltd.- EMC India Software Development and Support Centre - Emptoris Technologies India (ETI) - Emulex development centre Executive Summary - Ericsson India Private Limited - ESAYA Software (India) Pvt Ltd - Esquire Systems India Offshore Development Centre - Fair Isaac India Software Pvt. Ltd.- Fiserv Global Services Group - Fluent India Pvt Ltd. - Freescale Semiconductor India Pvt. Ltd.- GDA Technologies Ltd.- Gemplus India PVT Ltd - Genesys International Corporation Ltd.- Giesecke & Devrient India Pvt. Ltd - Google India R&D center (Google Online) - Hitachi Global Solutions Center (GSC) - Honeywell Technology Solutions Ltd (HTSL) - HP Labs - HSBC Software Development (India) Private Limited - Huawei Technologies India Pvt Ltd. (HTIPL) - Hughes Software Systems Ltd. (HSS) - Hyperion Solutions India Private Limited - i2 Technologies - IBM India Research Lab (IBM-IRL) - Informatica Business Solutions Pvt. Ltd - Intel Technology India Pvt. Ltd.- Intergraph India Limited - Interwoven Software Services India Pvt Ltd - Jean Martin - Keane India - Kanbay Software (India) Pvt. Ltd.- LG Soft India (LGSi) - Magma Design Automation India Pvt Ltd - McAfee India Centre - Mentor Graphics (India) Pvt. Ltd - Microsoft India Development Center (MSIDC) - Motorola India Private limited.- Mysis India - National Instruments India - Nokia India Pvt. Ltd - Novell Software Development (I) Private Limited - NXP Semiconductors India - Oracle India Development Center - Parametric Technology Research & development (India) Ltd. - Philips Innovation Campus (PIC) - PMC-Sierra India Pvt. Ltd. - UGS India (Product Development Centre) - QUALCOMM CDMA Technologies (QCT) - Red Hat Software Services (India) Private - Robert Bosch India Limited - Samsung India - SAP Labs India - Sapient India - SAS Research and Development (India) - SCO India Pvt. Ltd - Sequence Design India Pvt Ltd - Sharp India - Siemens Information Systems (SISL) - Socrates Software India Pvt. Ltd.- Software AG (India) Pvt. Ltd. - STMicroelectronics Private Ltd - SumTotal Systems India Pvt. Ltd - Sun India Engineering Center (SIEC) - SunGard Offshore Services (India) - Sybase India Technology Development Center - Synopsys (India) EDA Software Pvt Ltd - Tensilica Technologies India Pvt. Ltd.- Texas Instruments India Pvt. Ltd - The DaimlerChrysler Research Centre India (DCRCI) - The John F. Welch Technology Centre (JFWTC) - TIBCO Competency Centre - Unisys Technology Development Centre - ViewSonic India Pvt Ltd. - Virtusa (India) Pvt Ltd - Xansa India - Xerox India Ltd. - Xilinx India Technology Services Pvt. Ltd. (India Development Centre) - Yahoo! Software Development India Pvt. Ltd - 3SG Software India Pvt Ltd

Our initiatives in Women & Science



WEmentor



A study of Work life Balance of
Women in the field of IT

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Thank you

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