
Private Investment Opportunities in ICT Education



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2004



O Pure Earth, may that we utilize your soil well
For creative Production
Without causing you injury or harm
And disturbing any vital element in you

Prithvi Sutra

The New World



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- ❖ Globalisation
 - ❖ Competition
 - ❖ Mobility of skills
- ❖ Demography Changes
 - ❖ Elderly in developed world
 - ❖ New patterns of migration
- ❖ War for Progress
 - ❖ Skewed economic development
- ❖ War for Talent
 - ❖ Global talent shortage
- ❖ Technology
 - ❖ Efficiency
 - ❖ New avenues for growth

The New World will present new strategic and people imperatives.

Infocomm



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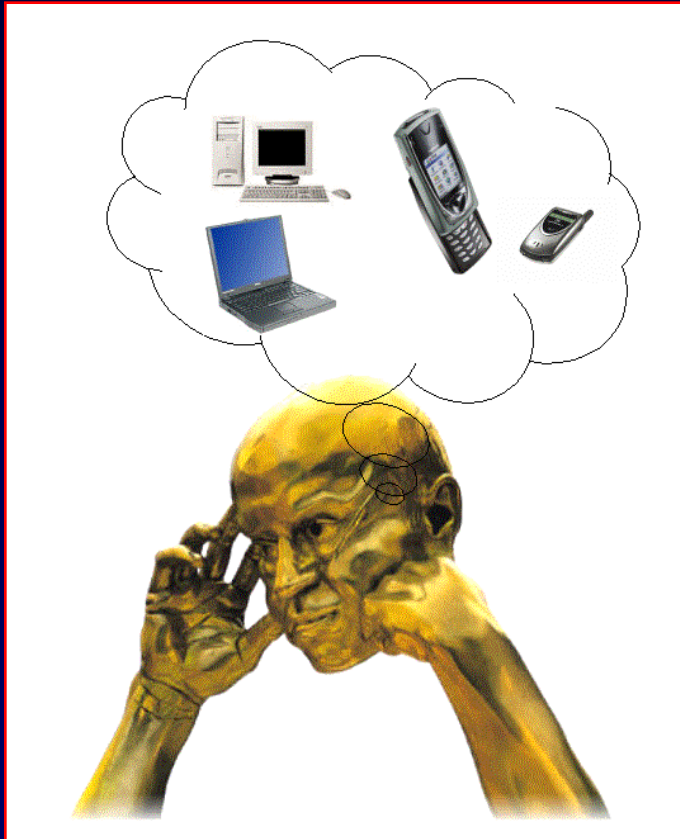
- ❖ IT Industry
 - ❖ Economic output
 - ❖ Exports
 - ❖ Employment
- ❖ Communications
 - ❖ Connectivity
 - ❖ Infocomm
 - ❖ Voice, Data, Video and Value Added Services
- ❖ Globally outsourced businesses
 - ❖ Transaction Efficiency
 - ❖ Governance at doorsteps of citizens
 - ❖ Technology savvy society
 - ❖ Entrepreneur Development

ICT is the most important sector for India to progress in the New World

ICT Industry



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- ❖ Information
 - ❖ Data Processing & Transmission
- ❖ Communication
 - ❖ Voice & Other Multimedia Services
- ❖ Entertainment
 - ❖ Fixed & Interactive Video Streaming

Global IT Industry: US \$ 650 Billion

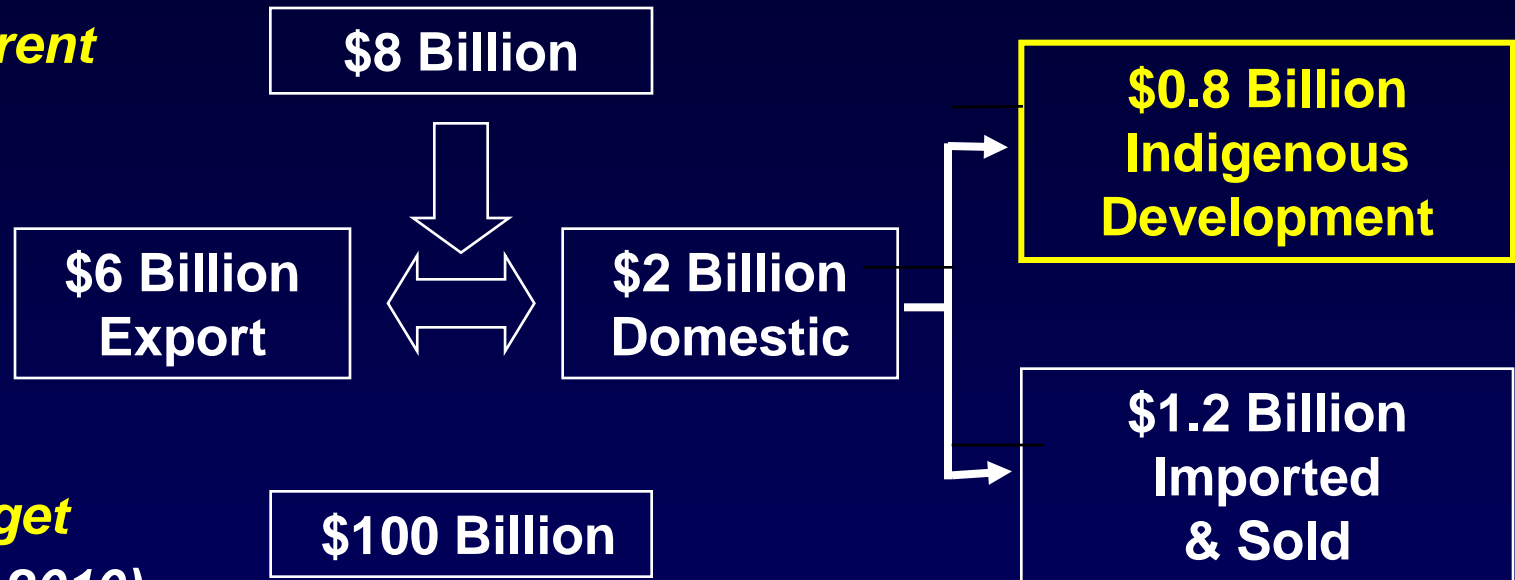
ICT for all: Empowering people to cross “digital divide”

Indian Software Industry

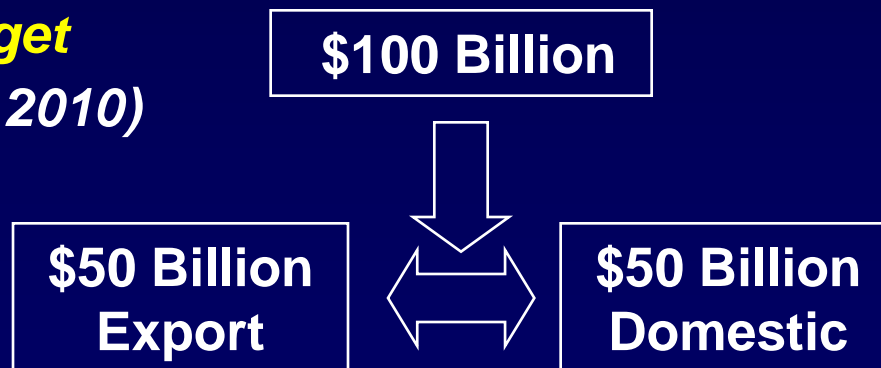


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Current



**Target
(by 2010)**



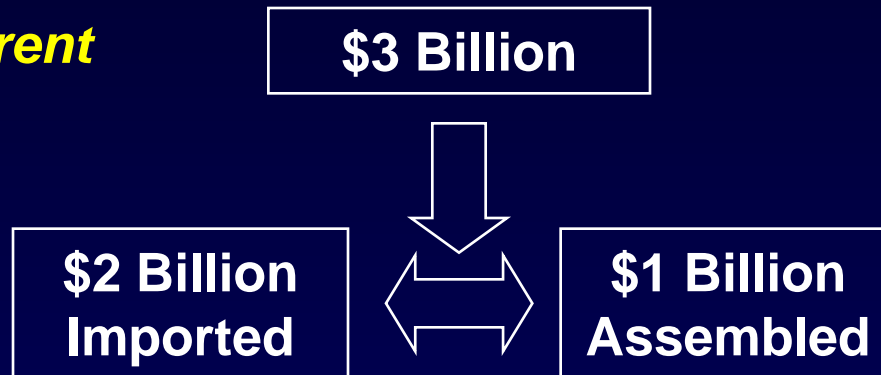
Indian S/W Industry < 2% World S/W Market

Indian Hardware Industry

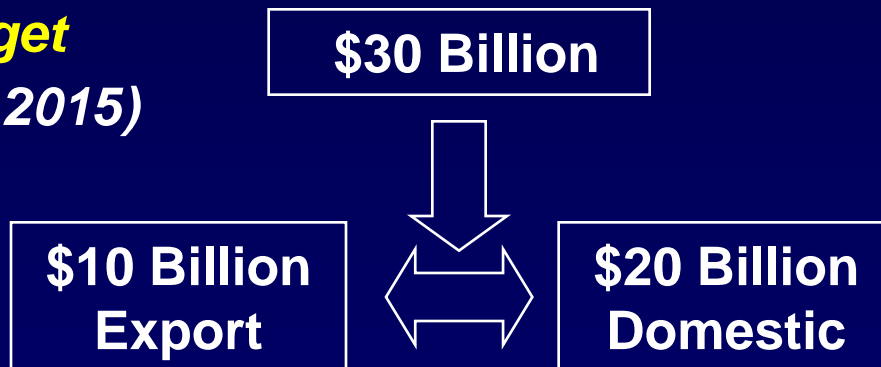


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Current



Target
(by 2015)



Indian H/W Industry < 0.2% Global H/W Market

India/China S/W - H/W Industry



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S/W

India

\$8 Billion

Improve productivity & competitiveness of other countries

China

\$3 Billion

Improve indigenous productivity & competitiveness

H/W

\$3 Billion

All imported, only assembly in India

\$40 Billion

Manufactured in China itself

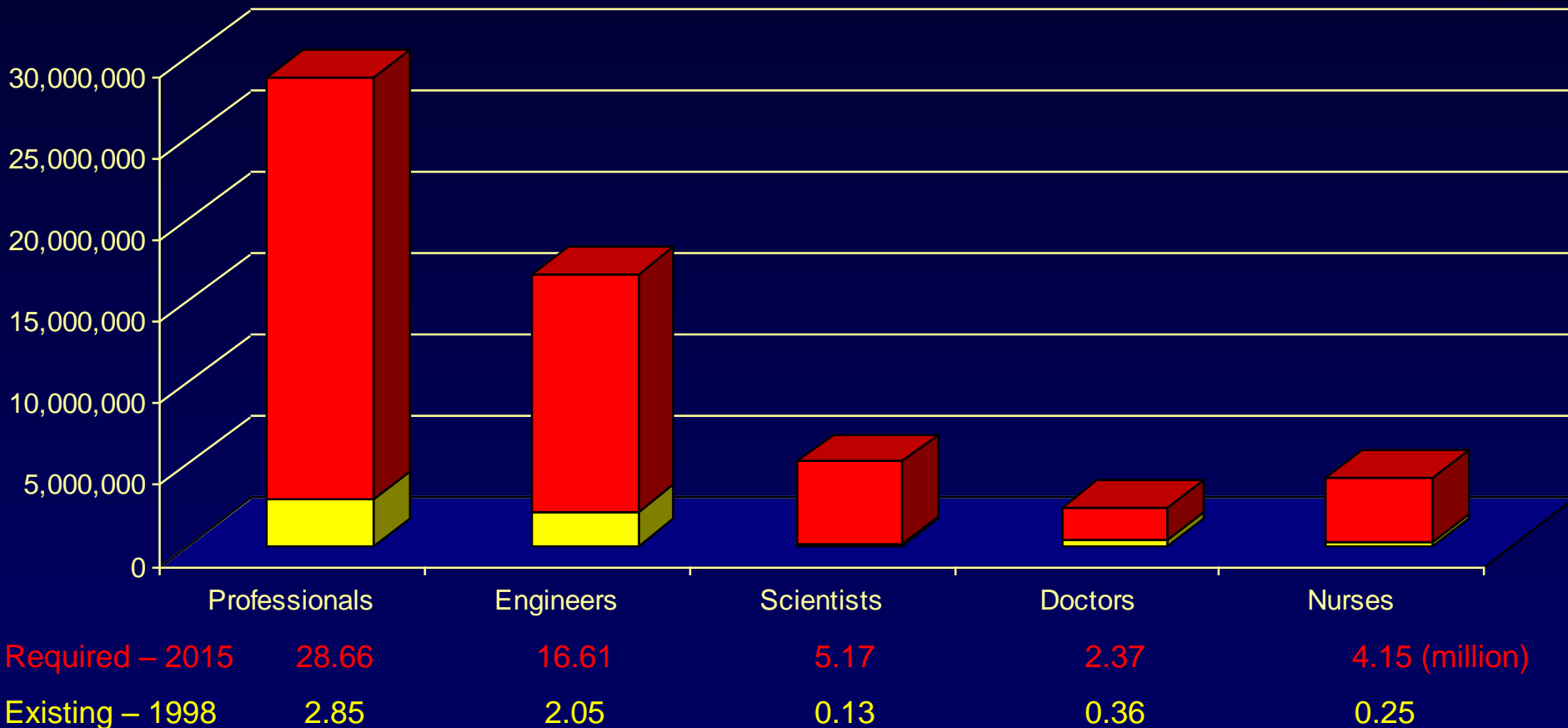
Potential to Improve Indian Indigenous ICT Industry

Professional Resources



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India



Source: BIU, Chennai

India will have to increase the pool of professional resources ten fold – from 5 million to 55 million

The New Engineer



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- ❖ Job Market
 - ❖ Changing Technology Scene
 - ❖ Interdisciplinary
 - ❖ Collaborative
 - ❖ Global
- ❖ Conceive Problems & Design Solutions
- ❖ Real Life Situations
- ❖ Develop Creative, Workable Solutions
- ❖ Solve Increasingly Complex Technical & Business Problems
- ❖ Systems Approach
- ❖ Manage Change, Teamwork

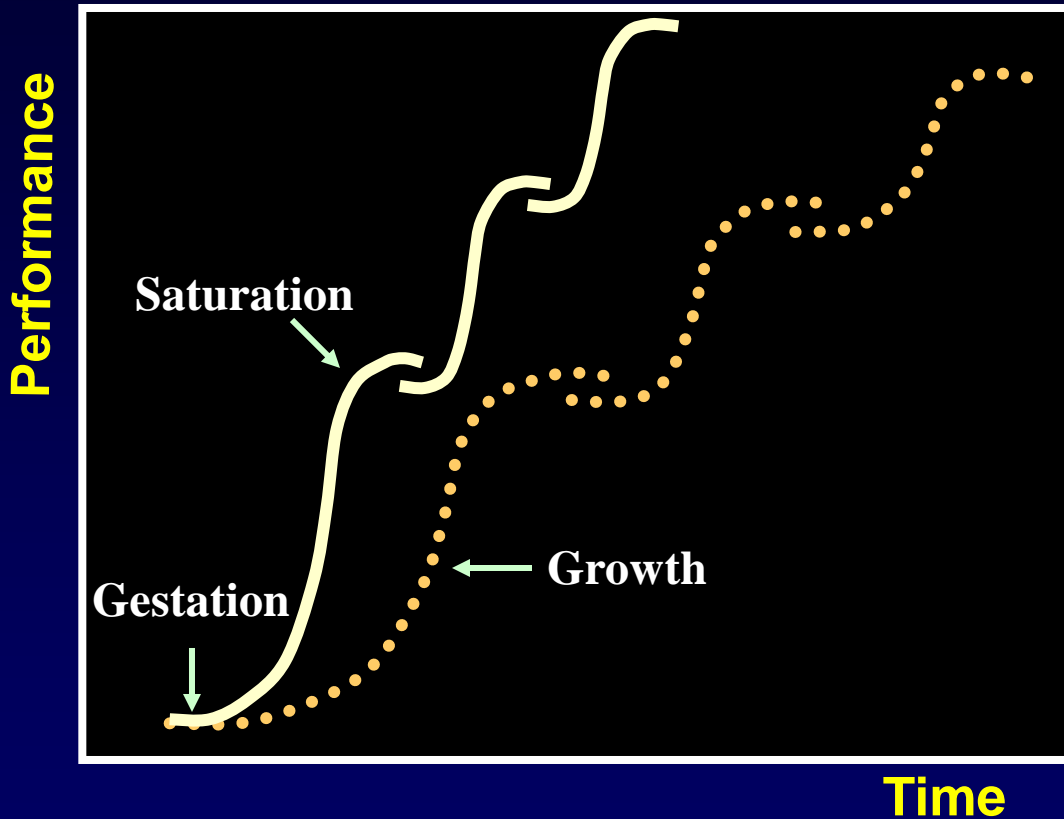
Need To Produce Generalist - Specialist

The New Engineer



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Self-Learning



“The S- Shaped Curve”

- ❖ Short Learning Stage
 - ❖ Rapid growth Stage
 - ❖ Quick Transition to next S-Shaped Curve before decline
- ➡ Life-long learning

Continuous Self-Renewal

University and Knowledge Society



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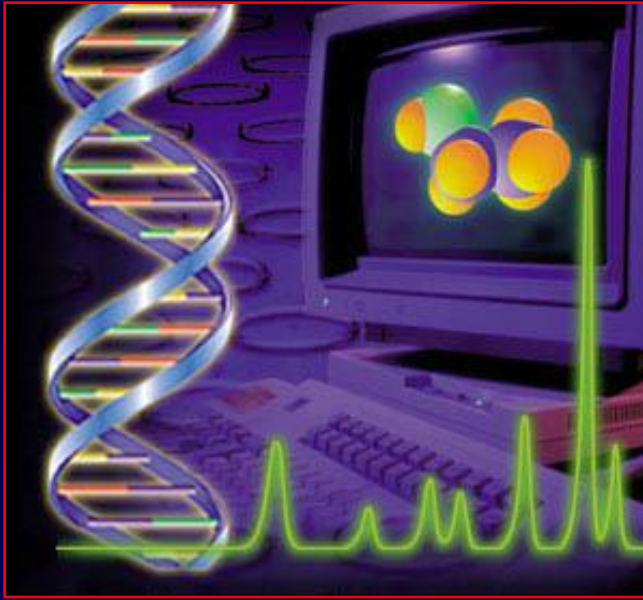
- ❖ University system falling way behind
 - ❖ Rigid & static
 - ❖ Slow pace of reform
 - ❖ Quantity not Quality
 - ❖ Produce under-employable graduates
- ❖ University to focus on
 - ❖ Dynamism
 - ❖ Service
 - ❖ Efficiency
 - ❖ Accountability
 - ❖ Flexibility
 - ❖ Customization
 - ❖ Quality
 - ❖ Networks
 - ❖ Student-centric active learning

Universities to provide innovative education for India to remain competitive in new economy

Industry & Academia



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- ❖ Industry well ahead
 - ❖ Cutting edge Technology
 - ❖ Infrastructure & Facilities
 - ❖ Faster decision making
 - ❖ Better accountability and efficiency
 - ❖ Merit as criteria
 - ❖ Flexibility
 - ❖ Ability to spot future technology trends
 - ❖ Risk taking
 - ❖ Better control and monitoring of research funding
 - ❖ ROI

Major Role for Private Investments

University – Business Synergy



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- ❖ Redefining roles of educational institutions
- ❖ Doubling knowledge every 3-5 yrs
- ❖ Present system incapable of handling knowledge explosion
- ❖ ICT – Businesses enjoying gains, Universities have not
- ❖ Corporate Universities
- ❖ Virtual Universities
- ❖ Just-in-time learning
- ❖ Take learning to people

Establish Mutually Beneficial Partnerships

Self-Financed Institutions



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- ❖ Total Autonomy
- ❖ Attract High Quality Faculty
 - ❖ State-of-art equipment, facilities, infrastructure
 - ❖ Liberal research funding
 - ❖ Industry as Partnership
 - ❖ Attractive remuneration
- ❖ Better Connectivity
- ❖ Institutions of world standards
- ❖ Flexible, Dynamic, Adaptable
- ❖ Emulate Medical Educational Model

Opportunities to Create Superior Educational Models

Summary



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- ❖ The New World of globalisation will see wars for talent and progress and will be marked by demography changes and technology driven growth.
- ❖ ICT is central to the New World.
- ❖ Development of professional resources in ICT is an imperative for growth for India.
- ❖ MoU with Gujarat Government
- ❖ DAIICT is born out of a vision to help build a knowledge-led society for global leadership.
- ❖ Dhirubhai Ambani Foundation and Reliance, as Sponsors of DAIICT, are strongly committed to creating DAIICT as a world-class institution.

***DAIICT will strive to evolve as a
Research-led World-class Institution***

Inspiration



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“We have to create a timeless educational institution that attracts the best of students and faculty from all over the world and one that enriches and enhances the value of all participants.” Dhirubhai Ambani

The Beginning