

Maximizing ICT in a developing Country: India

By

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India

Availability of IT facilities in India

- ◆ One ISP in India up to 1998-VSNL
- ◆ During 1999-2000 over 250 ISP have been given license and 60 have commenced services.
- ◆ Current year Two of major indian IT companies INFOSYS,SATYAM leading ISP –started gateway services
- ◆ Indian Govt. approved DTH (Direct to Home) TV network.

Growth of IT

- ◆ Telephone Density has grown 2.1 percent from the previous year.
- ◆ Over 6,50,000 internet connections with 2 million users.
- ◆ Web site down load response:
 - 44 seconds in India when compare to less than 8 seconds by top global web sites.
 - Reason for delay in response: inappropriate use of graphics and images

limitations

- ◆ Limited band width (ISP)
- ◆ Internet communication depends on Phone Cables
- ◆ Speed not exceeding 33.6 kbps
- ◆ E-mail “in box” will have 2MB storage space
- ◆ Phone bill and ISP services to be paid.-
 - 100 hours usage of Internet would be costing \$100 for e-mail only.up load-down load files(file transfer) ,surfing costs double.

Indian ISP list

- ◆ List of indian ISP registered under .IN
IP network physically present in India

<http://domain.ncst.ernet.in/domreg/domreg-isps.html>

Around 2000 registered domains :

60% with .co.in commercial organizations

5% with .ac.in Academic

2% with .res.in Research

ICT for F.P and RH

- ◆ Web site:

Ministry of Health and Family Welfare

<http://mohfw.nic.in>

There are 18 Population Centre apart from IIPS under MOHFW and 3 PRC's in Universities.

In addition—PERC's (Popultion Education and Research centres) have been established.

No website- at most 10 PRC's have their own e-mail.

National Informatic Centre

<http://www.nic.in>

Population and Health

- ◆ Population data:

Census of India: <http://www.censusindia.net>

Data available on CD, Books

National Sample Survey

No website but data available on CD, printed reports.

National family Health Survey

<http://www.nfhsindia.org>

Data available on site, CD, books

IT facilities

- ◆ E-mail:

Ministry: available to all Ministers

<http://mohfw.nic.in>

Population Centres (10)

family planning (NGO)

<http://www.fpaindia.com>

Web search

“Reproductive Health and India” Search results:

Alta Vista around 2137680 pages

Selected Sites/ Web Information on RH-India

- Reproductive health Program in rural India:
<http://www3.undp.org/ww/women-health1/>

Continued..

2. Activities in Reproductive Health in India

<http://www.usaid.gov/india/programareas/health.htm>

<http://www.usaid.gov/india/whatsnew/articles/enable.htm>

3. Defining a Reproductive Health Package for India: A proposed framework

<http://www.hsph.harvard.edu/organizations/healthnet/SAsia/suchana/>

research work by Pachauri, Saroj.

Continued..

4. Planning and monitoring of RH services in India
<http://www.south-south.org/preview/xtries/india-body.html>

Continued..

- 5. District level RH projects:

<http://www.unfpa.org.in/INDIAPROGRAMME/drh.htm>

Continued...

- 6. Non Governmental Organizations doing research on RH

<http://www.indianngos.com/women-health.htm>



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- ◆ Index of Projects:

<http://www.aidindia.org/projects>

Availability :

- ◆ Small percent of Internet users-at present
- ◆ Web sites are pages in large domains

Those pages are research findings

Population and RH information available in the form of reports/articles.

Impact

- ◆ Communication between PRC and Ministry became faster through e-mail
- ◆ Limited information available through web sites on Population and RH
- ◆ Availability of Census data and NSS,NFHS through CD created fast use-and quick tips for policy/programme implementation
- ◆ Indian Census 2001 would be available on CD six months after completion

Need to do

- ◆ CD-ROM storage *culture* to be developed
- ◆ Use of free web space available on Internet to store Population/RH data
- ◆ Developing e-groups for inter communication/at different levels (Professionals/Policy makers/general etc)

Continue...

- ◆ IEC of Family Planning/RH should be made available through CD (DVD)
example: CONDOM
- ◆ E-book should be used in FP/RH programs-
development of instruction manuals
- ◆ To reach large masses DTH (TV) channels should be used for communication for FP/RH info.
- ◆ Door step help: IEC about FP/RH through DTH

Future IT

- ◆ Within a year India will achieve
 - country wide optic cable skeleton
 - convergence of TV/Cable/Telephone at one plug-in point.

This IT development will enhance the FP/RH information services.

Future...by 2010

- ◆ In 2010 software Industry will earn annual revenue of \$100 billion
- ◆ The net will spread more through Cable TV than PCs.
- ◆ Every second Indian will own or have access to a PC
- ◆ 2 mbps band will reach every village in India

THANK YOU

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