ISPAI
**Internet Service Providers Association of India**

Cordially invites you to

APNIC 24 Open Policy Meeting
Held together with
**SANOG-10**

29 Aug -7 Sep 2007

At Hotel Intercontinental
Barakhamba Avenue, Connaught Place
New Delhi, INDIA

For details pls contact :
puneet @ispai.in / info@sanog.org
www.sanog.org / www.ispai.in

ISPAI

Promote **Internet**
& **Broadband** for **All.**

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INTERNET

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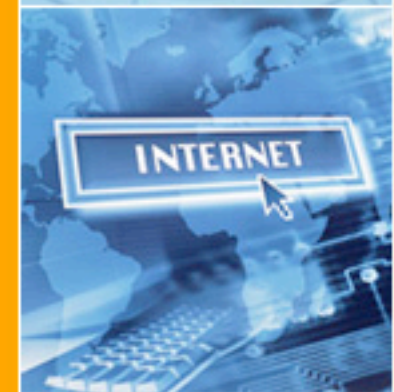
APNIC - 24 Venue

Hotel 'Intercontinental' The Grand situated at Connaught Place, New Delhi 110 001**.**
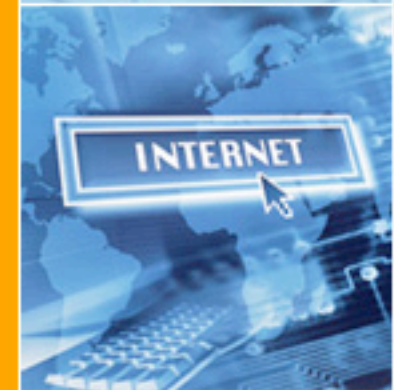
HOTEL INTERCONTINENTAL

➢ 5* Deluxe hotel under the flagship of Intercontinental in the heart of the city .

➢ 24 k.m. from International Airport & 18 k.m. from Domestic Airport.

➢ 10 Conference Halls/Board Rooms.

➢ 400 Rooms & Suites with Internet Connectivity & other facilities.

➢ Restaurant, Bar, Coffee Shop, Gym, Swimming Pool etc.

➢ Rooms Tariff starts from Rs. 8500/- ($180) incl. Taxes, B/f, especially for APNIC-SANOG.

Budget Hotels in the vicinity

Room Tariff ranges between US$ 50-100

Hotel Marina,

Hotel Jukaso Inn

Hotel Centre Point

Hotel Madonna

Hotel Arpit Palace

Maharani Guest House

FLIGHTS TO NEW DELHI

ISP AI

Promote **Internet** & **Broadband** for **All.**

- Air India & Indian Airlines
- China Airlines
- Druke Air
- Pakistan International Airlines
- Royal Nepal Airlines
- Sri-Lanka Airlines
- Malaysian Airlines
- Thai Airways
- Singapore Airlines
- Bristish Airways
- Austrian Airlines
- Qatar Airways
- Lufthansa
- Qantas
- Finair
- Jet Airways
- Sahara Airlines
- About half a dozen domestic airlines

VISA INFORMATION

http://passport.nic.in
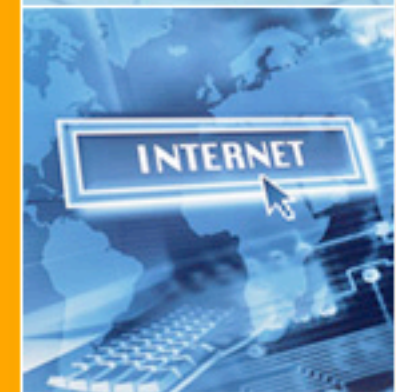
- Visa is not required for residents of Nepal, Bhutan. For Maldives only if staying up-to 90 days)

- For others following visas are available from the Indian Missions abroad:

- Tourist ; Business ; Conference ; Transit ; Student ; Journalist; Employment; Missionaries .

- VISA Fees varies from US $ 5 –100.

Documents Required :

- A letter from your sponsoring organization mentioning the nature of business, probable duration of stay with itinerary.

- A guarantee to meet all expenses incurred during your stay.

- 2 passport size photographs.

GENERAL INFORMATION

Whether

➢ During Aug-Sep whether remains around 35 degree Celsius with humidity about 55-65.

➢ It will be a end of Monsoon.

Transportation

➢ Pre-Paid, Meter Cabs are available from Airport, Hotel

➢ For budget journey or small distance 'Auto-Rickshaw - Three wheelers' are available.

➢ On select routes Metro Rail is available.

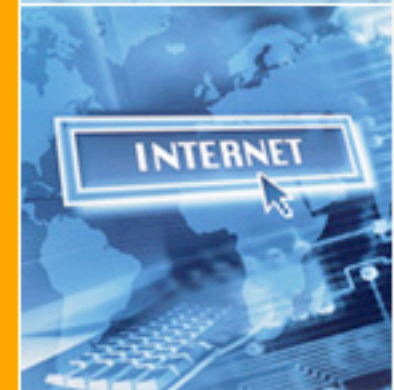➢ Deluxe AC Buses are available for Local around Delhi Site Tour

HOST CITY – NEW DELHI

➢ Conveniently connected with direct flights from all major cities and countries across the globe.

➢ Capital & Seat of Policy makers, Regulators and also an Intellectual, Commercial IT & Industrial hub.

➢ Fantastic shopping destination.

➢ Pink City- Jaipur and Taj Mahal – Agra or mighty Himalayan Mountains are about 200-300 km from New Delhi.

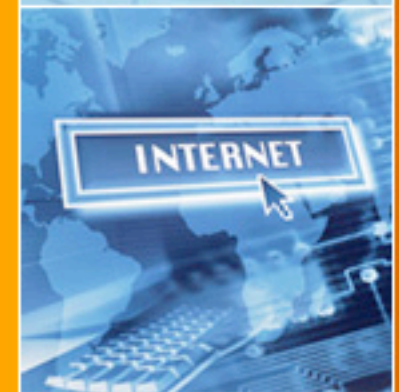➢ Temperature stands around 35°C during Aug-Sep with fairly high humidity.
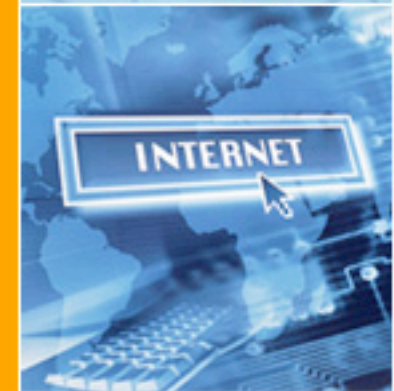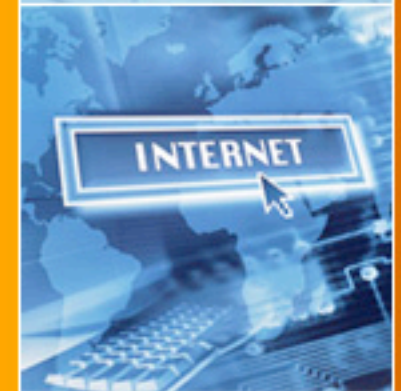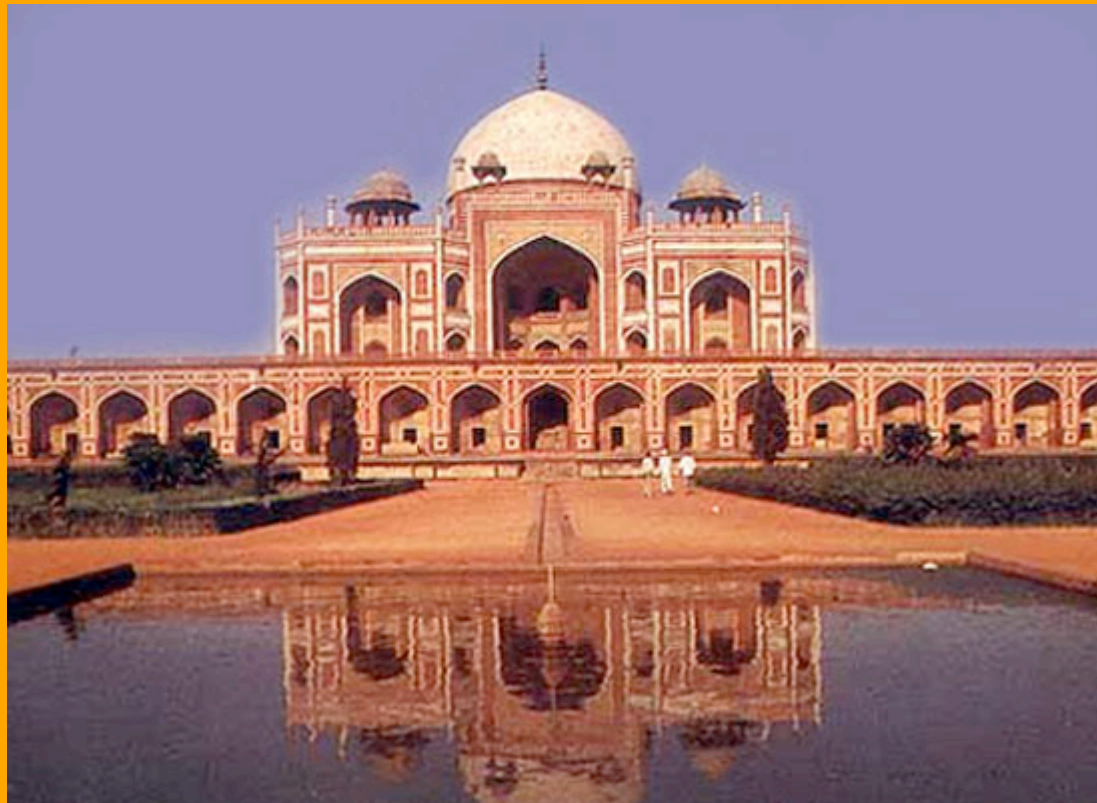
PLACES OF ATTRACTION

Qutab Minar (20 KM)

Red Fort - Seat of Mughal Empire (6 KM)
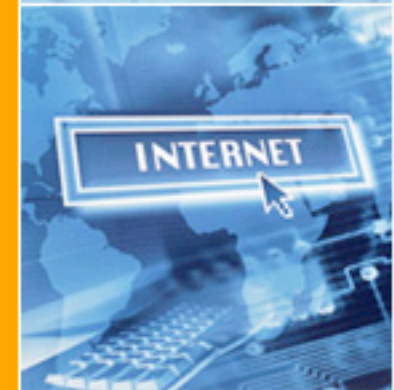
Humayun Tomb (7 KM)

India Gate War Memorial (3 KM)

Jama Masjid - Historical Mosque (6 KM)
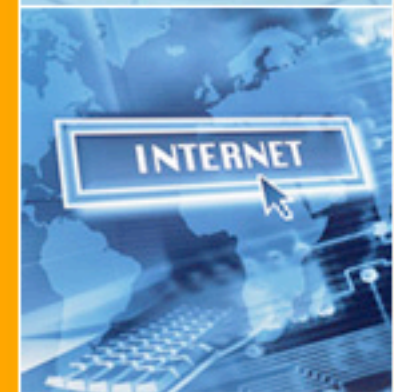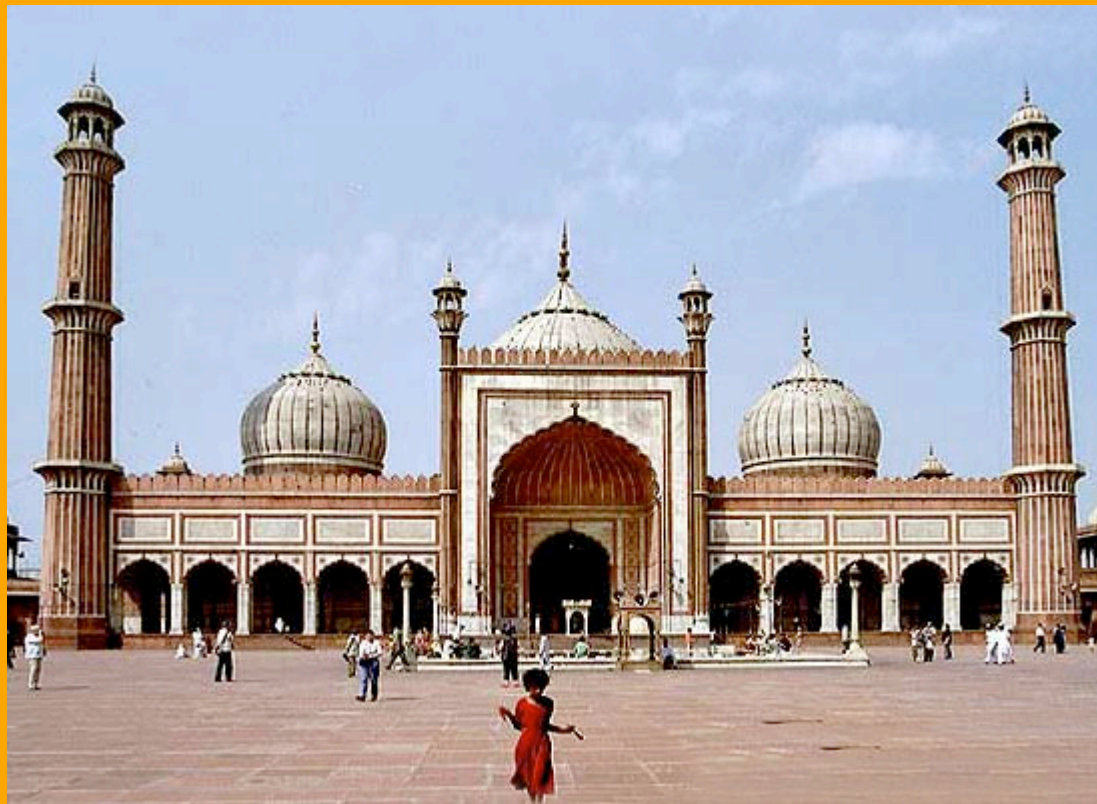
Lotus Temple (16 KM)
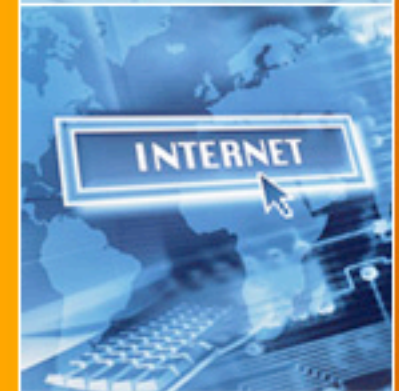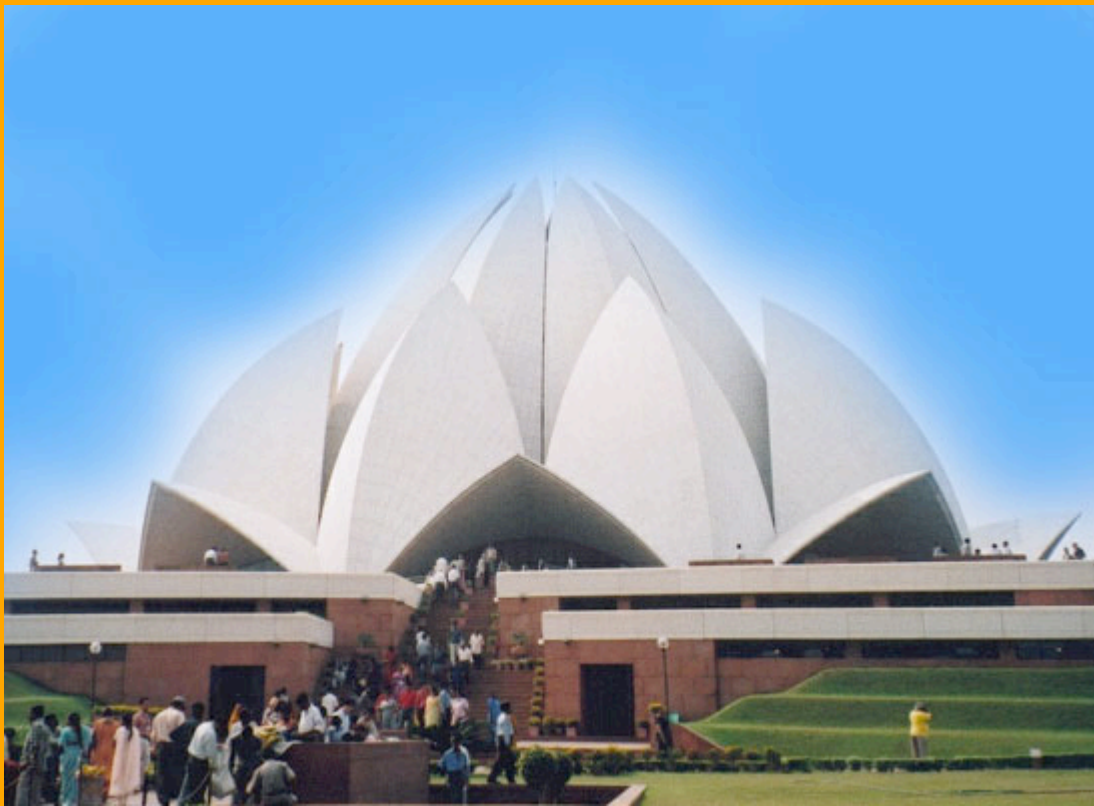
ABOUT ISPAI

➢ Registered Association under Societies Registration Act of India.

➢ Non-profit, Non-government organization.

➢ Apex Body of ISPs in India.

ISPAI MISSION

To Promote Internet/Broadband for Benefit of All

Objectives

➤ Achieve 40 million Internet/Broadband Connections by 2010

➤ Promote Internet as growth engine for the Economy

➤ Promote & Propagate Internet friendly Environment

➤ Promote Policies & Regulations for the benefit of ISPs

ROLE IN TELECOM REFORMS

ISPAI played vital role in :

➢ Preparing policy for Internet for privatization of Internet Services in 1998.

➢ Influenced opening of private Satellite and Submarine International Gateways.

➢ Internet Telephony in April 2002

➢ Policies leading to IUC, Infrastructure Sharing, Inter-circle connectivity, Spectrum allocation, NTP 99, etc.

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INTERNET

ROLE IN TELECOM REFORMS

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ISPAI was involved in framing up of policies for :

➢ Information Technology Act 2000.

➢ Digital Signatures Policy.

➢ Broadband Policy 2004.

➢ Availability and Reduction of prices of
   International & Domestic Bandwidth Tariffs

ISPAI WORKS CLOSELY WITH

ISP AI

Promote **Internet**
& **Broadband** for **All.**

- ➤ Department of Telecommunications,

- ➤ Department of Information Technology,

- ➤ Telecom Regulatory Authority of India,

- ➤ Industry Associated Chambers - CII, FICCI, ASSOCHAM etc.

- ➤ Member of National Council of Telecom & Convergence of all Industry Associations.

- ➤ Member of high level Sub-Committees/Groups

ABOUT INTERNET INDUSTRY

ISP AI

Promote **Internet**
& **Broadband** for **All.**

- ➢ ISP license holders   380 +

- ➢ Operational ISPs   135

- ➢ Number of ITSP Licensees   127

- ➢ Number of operational ITSP   32

- ➢ Internet Telephony Minutes - >80 million per quarter

…contd….

ABOUT INTERNET INDUSTRY

Promote **Internet** & **Broadband** for **All.**

Total No. of	Subscribers (Millions)	Users (Millions)
➢ Mar '99	.28	1.4
➢ Mar '00	.9	4.5
➢ Mar '01	3.0	18
➢ Mar '02	3.2	20
➢ Mar '03	3.6	22
➢ Mar '04	4.5	27
➢ Mar '05	5.5	33
➢ Mar '06	6.9	42
➢ Sep '06	8.8	53

Market Share of 5 major ISPs

➢ Bharat Sanchar Nigam Ltd	44%
➢ Mahanagar Telecom Nigam Ltd.	19%
➢ Sify Ltd.	10.75%
➢ Bhati Airtel Ltd.	6.5%
➢ Videsh Sanchar Nigam Ltd.	5.6%

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ABOUT INTERNET INDUSTRY

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Leased Lines Connectivity	18,800+
Cyber Cafes/Kiosks (franchised)	8,800
Cyber Cafes/Kiosks (Non-franchised)	100,000
Broadband Connections >=256 Kbps	1.8 million
Average minutes of use per subscribers/month	185 minutes
ARPU	Rs. 220 p. m.
Annual Revenue	Rs.16000 million ($ 375 million)

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CHALLENGES

➢ Cost of Bandwidth.

➢ Local Loop Un-bundling / Sharing of Infrastructure

➢ Predatory Policies and Practices.

➢ Lack of relevant local Content in regional languages.

➢ Low PC & Tele-density.

OPPORTUNITIES

- 180 million telephone connections (mobile + fixed line)

- 62 million cable TV connections

- 100,000 Cyber café/Kiosks

- Wi-fi and Wi-Max Technology startups

- Mobile Internet to grow

- DSL / Cable largely used for Broadband currently

- Pilots of Broadband over Power-line

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INTERNET

DRIVERS TO THE GROWTH

➢ 75% of India remains to be tapped

➢ e-learning, Tele-medicine, e-Gov applications.

➢ Local Language Internet will be in demand

➢ Entertainment / Games / Video on Demand

➢ Content in Local / Regional Languages

MAJOR INITIATIVES

Setting up of NIXI

➢ Not for profit, Neutral Exchange.

➢ An example of public-private partnership.

Registry for .IN ccTLD

➢ Registered 220 K names so far.

➢ 44 Registrars across the globe.

Thank You

www.ispai.in
secretariat@ispai.in