ITER-India Communications

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• ITER-India is an autonomous unit under Institute for Plasma Research (IPR), funded by the Department of Atomic Energy
• Director-IPR is also the Chief Scientist, ITER-India
• Present manpower: 94
  – Additional 20 persons from Engineering Service Contractors
• Located in Ahmedabad, Western India in the State of Gujarat
• A city of about 5 million people, the city of Gandhi.
Present status of ITER-India

- Presently in a hired office about 20 mins drive from IPR.
- ITER-India lab (within IPR Campus) is in advanced stage of construction. Office also to shift close to IPR.
- Signed 51% of PAs, few major ones to be signed this year.

IWS Procurement Signature during O-DA, Chengdu, Sept 2009

ITER-India Lab
ITER, meaning the way in Latin is the acronym for International Thermonuclear Experimental Reactor. ITER is a step towards future production of electricity from fusion energy. ITER will produce at least ten times more thermal energy than the energy required to operate it, which can be converted to electricity in future power producing reactors based on fusion.

An unprecedented international scientific and technological collaboration representing more than half the worlds human population is presently involved towards construction of ITER. The ITER partners are presently the People's Republic of China, the European Union, India, Japan, the Republic of Korea, the Russian Federation and the United States of America.
### Internal Communication - INDUS

#### INDUS - Mozilla Firefox

Welcome **Indranil Bandyopadhyay** My Home

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**ITER Communications Group Meeting**  **10-11 April 2008**
Science reporting in India

- India has a large English speaking newspaper market
- Major Newspapers
  - Times of India
  - The Indian Express
  - Hindustan Times
  - ....
- All have science correspondents, prints occasionally major news events, interviews
- ITER is important but does not get the top priority so far
  - Major newsmakers ISRO, BARC (DAE), DRDO, IPCC
- Large number of bloggers, twitters, facebookers
- Nature, National Geographic very well read,
Some Examples ...(1)
Some Examples ...(2)

Tryst with a fusion reactor
K.S. Parthasarathy

Electric power generation is a dirty business, thus far at least. This may change if the International Thermo-nuclear Experimental Reactor (ITER) to be constructed at Cadarache in the South of France, at a cost of about 5 billion Euros over the next 10 years, succeeds.

ITER will produce 500 MW of fusion power for a burn length of 400 seconds. It may operate for nearly 20 years.

Fusion reactors will be safe, reliable, environmentally benign and economically viable and will offer unlimited energy. The fuel materials, deuterium and lithium from which tritium

Chandigarh Times, 12 Oct 2008
Some Examples ...(3)
India can be largest supplier of tritium: Kakodkar

India can be the largest supplier of tritium for the International Thermonuclear Experimental Reactor (ITER), Atomic Energy Commission Chairman Anil Kakodkar said on Tuesday.
• Internet is the biggest invention in recent times
• CERN may be known in the long run more for giving us internet than LHC!
Visitors most welcome

French Science & Technology
Attaché Rossi and his Team

ITER Management Assessor
“When ITER becomes successful, it will be another giant step for mankind, as great as man landing on the moon, perhaps even greater”

-in presenting India’s case for joining ITER to the Hon’ble Prime Minister, Govt. of India, 2005