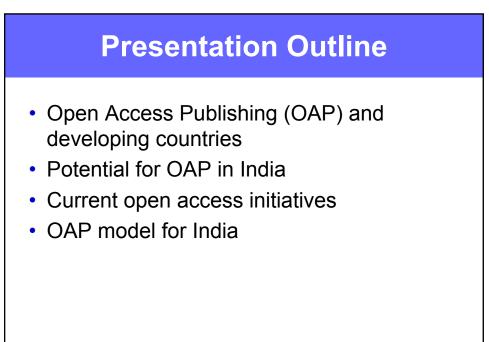
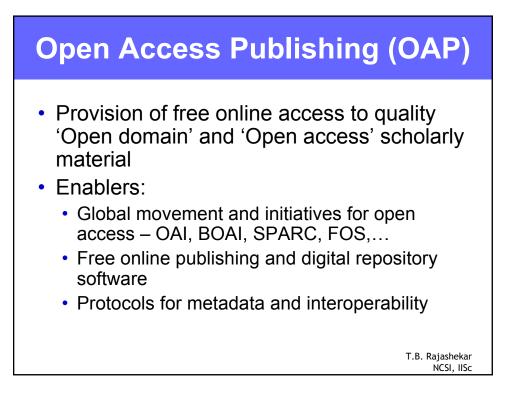
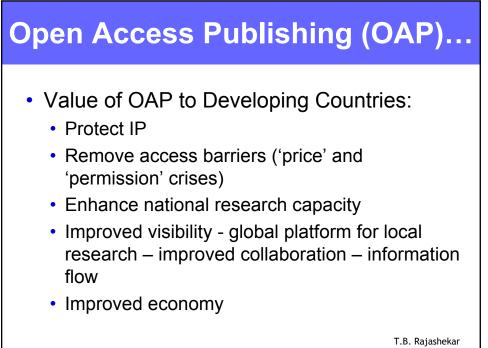
Open Access Initiatives in India

T.B. Rajashekar National Centre for Science Information Indian Institute of Science Bangalore – 560 012 (India) (raja@ncsi.iisc.ernet.in)

Symposium on Open Access and Public Domain Digital Data and Information for Science UNESCO, Paris, 10-11 March 2003

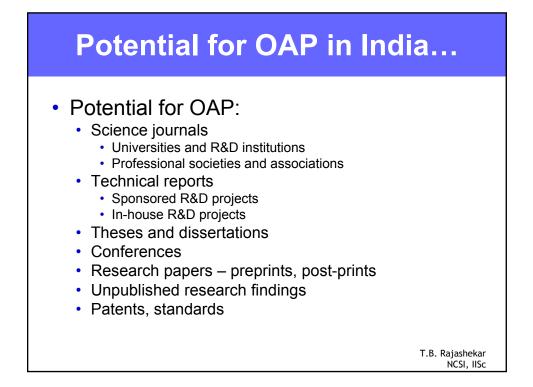


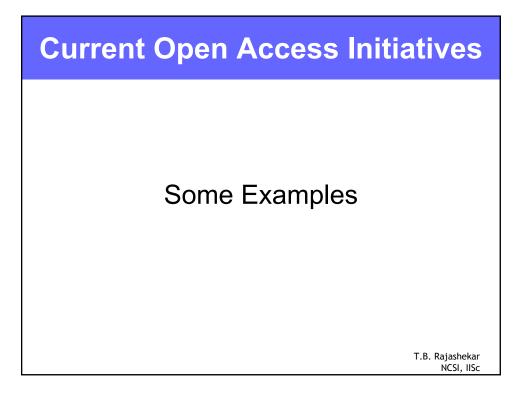


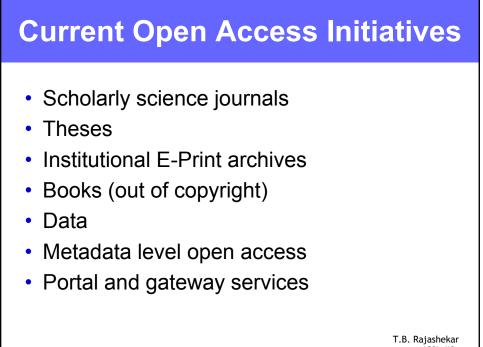


Potential for OAP in India

- Large number non-commercial R&D institutions (academic, R&D labs)
 - 2,900 (R&D directory, NSTMIS, DST, 2001)
 - · Academic institutions:
 - Universities (graduate, research): 290
 - Colleges: 12,600
 - Teachers: ~ 400,000
 - R&D labs under govt. science agencies
 - Industrial research, defense research, agricultural research, medical research, biotechnology, environment, S&T, IT, space, energy, ocean development, etc.



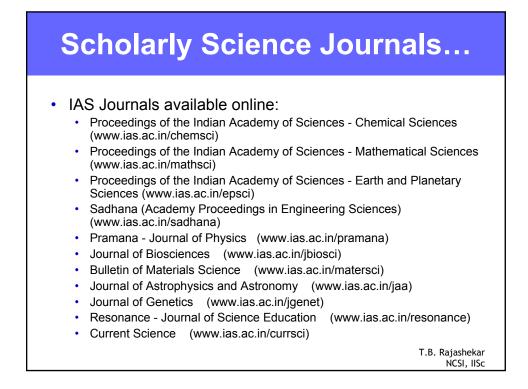




NCSI, IISc

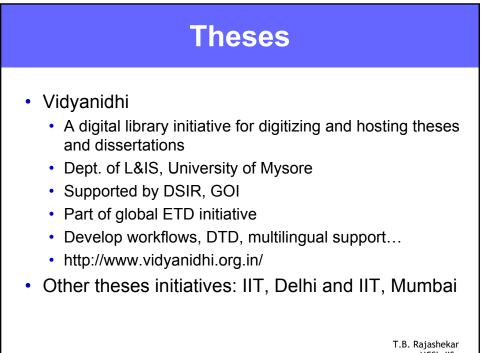
Scholarly Science Journals

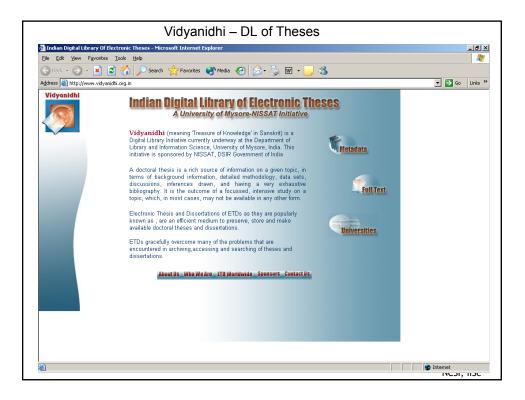
- Indian Academy of Sciences (IAS)
 - Established: 1934
 - Organizes meetings, discussions, seminars, symposia and publishes 11 journals.
 - · All journals web accessible
 - Digitization of issues right from the first volume is under way
 - http://www.ias.ac.in/

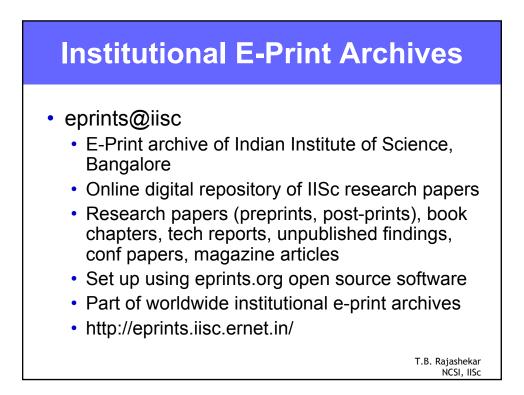




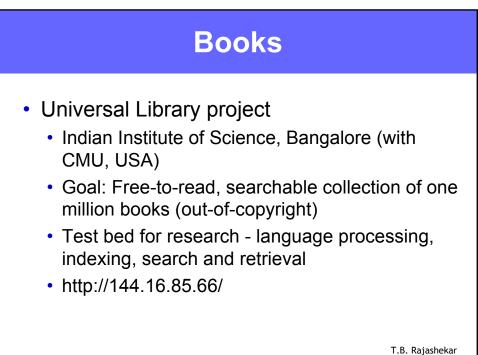
- Indian National Science Academy (INSA)
 - Established: 1935
 - Publish journals, organize scientific discussions and bring out proceedings and monographs
 - DSIR supported project for digitizing and web hosting of INSA journals:
 - Indian Journal of Pure & Applied Mathematics
 - Proceedings of INSA A Physical Sciences
 - Proceedings of INSA B Biological Sciences
 - · Indian Journal of History of Science
 - http://www.insa.ac.in/

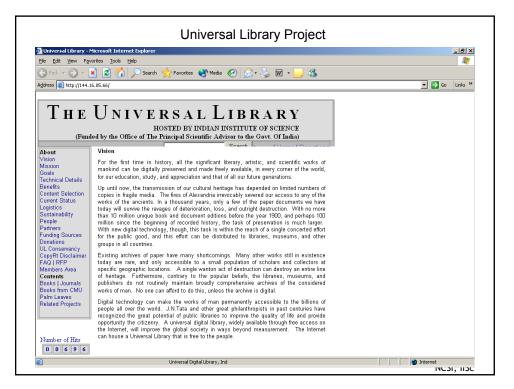


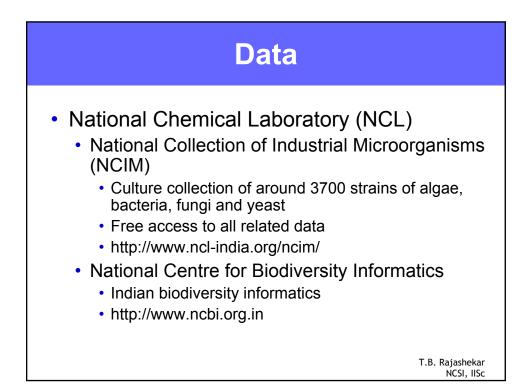


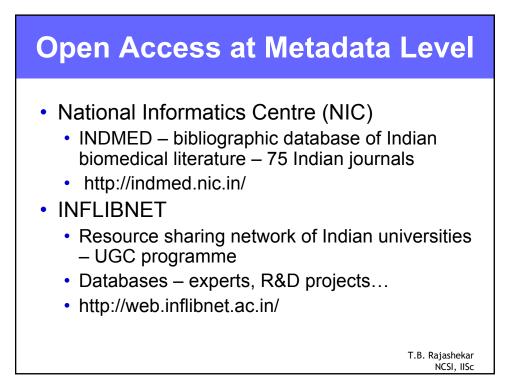


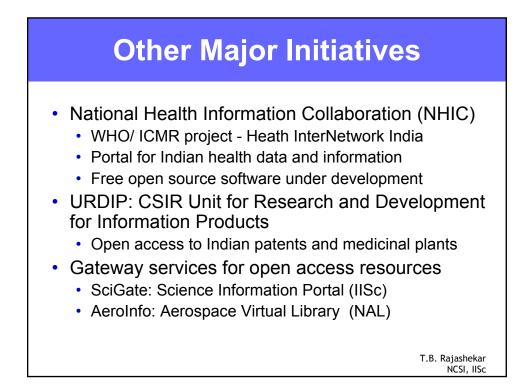










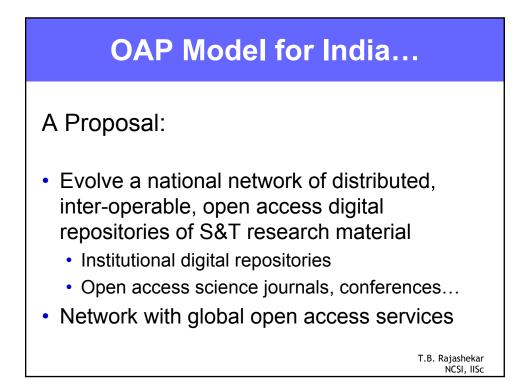


OAP Model for India

How do we replicate these OAP examples?

How can we adopt OAP in an organized manner?

...across the country?



OAP Model for India...

- Motivation:
 - Strong support for open source software in India
 - Increasing interest in use of digital library software (e.g. Greenstone, eprints.org)
 - Emerging global OAI inter-operability framework (e.g. e-print archives)
 - Availability of OAI compliant open source digital library and online publishing software

