

APR07-2007-000241

Abstract for an Invited Paper
for the APR07 Meeting of
the American Physical Society

National Knowledge Commission

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India's National Knowledge Commission (NKC) established by the prime minister is focused on building institutions and infrastructure in Education, Science and Technology, Innovation etc. to meet the challenges of the knowledge economy in the 21st century and increase India's competitive advantage in the global market. India today stands poised to reap the benefits of a rapidly growing economy and a major demographic advantage, with 550 million young people below the age of 25 years, the largest in the world. The NKC is focused on five critical areas of knowledge related to access, concepts, creation, applications and services. This includes a variety of subject areas such as language, translations, libraries, networks, portals, affirmative action, distance learning, intellectual property, Entrepreneurship, application in Agriculture, health, small and medium scale industries, e-governance etc. One of the keys to this effort is to build a national broadband gigabit of networks of 500 nodes to connect universities, Libraries, Laboratories, Hospitals, Agriculture institutions etc. to share resources and collaborate on multidisciplinary activities. This presentation will introduce the NKC, discuss methodology, subject areas, specific recommendation and outline a plan to build knowledge networks and specifics on network architecture, applications, and utilities.