

**INDIA
A GLOBAL
EDUCATION
HUB**



RELEVANT ISSUES

- Opportunities in the Education Sector
- Steps to Raise the Standard of Indian Universities
- Learning from International Success Stories
- Potential Collaboration with Foreign Universities
- Initiatives to make India a more Attractive Destination for Students



CURRENT EDUCATIONAL OPPORTUNITIES

- English Language Instruction
- Cost-effectiveness of courses
- Reasonable Standard of Higher Education
- At present, around 50,000 International students in India
- A range of study options and student exchange programs
- Around 21778 (2008-2009) students on study tour and student exchange programs to India (eg. Chitkara University, Chandigarh with other Foreign Universities)
- History and culture of the country
- Increasing number of visitors (16912 in the year 2008-2009)



Visitors opting for Education in India are entitled to the following services:

- Internationally approved courses at top-rated Indian universities.
- Educational packages at cheap rates.
- Reasonable food and lodging facilities.
- Help with visa arrangements.
- Special security is available for girl students at all universities and colleges.



EXAMPLE: SOUTH ASIAN UNIVERSITY

- Mooted by the honourable Prime Minister Dr. Manmohan Singh in the year 2005.
- Pooling funds from SAARC countries, created a university called South Asian University, a Centre of Excellence for and by the people of the SAARC Countries.
- Started functioning in the year 2010 at Delhi.
- These three elements i.e. building a culture of understanding and regional consciousness; nurturing a new class of liberal, bright and quality leadership and building the capacity of the region in science, technology and other disciplines considered vital for improving the quality of life of the people, therefore, form the core objectives of the South Asian University.



- Following Post graduate courses are being offered:
M.A. (Development Economics), Master of Computer Applications (MCA), M.Sc. (Biotechnology), M.Sc. (Computer Science), M.A. (Sociology), M.A. (International Relations), Master of Law (LLM) and M.Sc. (Applied Mathematics).
- Students of the University will be predominantly from the eight SAARC countries.
- Teachers of the University will also be predominantly from the eight SAARC Countries, but up to 20% of teachers may be from other countries
- University is planning to have 7000 students and 700 faculty.



- SAU- prime example of a collaboration of Indian Universities with various countries worldwide like
 - 1) African Council of Universities that could include countries from all of Africa like South Africa, Ghana, Ethiopia, Kenya etc.
 - 2) European Union Council of Universities which can include countries from Europe like Germany, France, Italy, etc.
 - 3) Australasian Council of Universities which includes counties like Australia, New Zealand, Cook Island etc.



INTERNATIONAL SUCCESS STORIES

- **University of Copenhagen, Denmark**

First international online course on climate change, offered by the Faculty of Life Sciences (LIFE) at University of Copenhagen.

- **AHAB-Academy, Germany**

The AHAB-Academy Certified Training Institute uses a blended learning approach to educate more than 2,400 people each year.

- **Grace University, USA**

Grace University has found a learning platform embraced equally by students, faculty and IT staff

- **Net Foundation, e-learning**

NET Foundation is helping hundreds of pastors and missionaries in without a developed technological infrastructure get the education they need - in an easily accessible and affordable form.



CITY & GUILDS IN INDIA

- Manipal City & Guilds is an India-UK joint venture founded in 2009.
- They combine the strengths of Manipal Global Education Services, which has 50 years of steadfast focus in India's education sector and a presence that includes 3 universities and over 30 institutions, and City & Guilds, a 130-year-old World leader in skills development that provides curriculum, course content, assessment, certification services and 600+ qualifications across over 80 countries.
- They also support International colleges who are interested in expanding into India with their specialist services.
- Manipal City & Guilds operates across all of the major industries. They have particular strengths in retail, engineering, construction, banking and financial services, and hospitality.
- Manipal City & Guilds provides vocational training under the name **IndiaSkills**, working directly employers to design training programmes to suit specific needs.
- Manipal City & Guilds also offer learning technologies, curriculum design and development, and assessment and certification services.



EDEXCEL- UK BASED LEARNING CENTRE GIVING VOCATIONAL EDUCATION COURSES

- There are around **40 academic centers** and **30 BTEC Vocational Centers**, which are spread across different cities in India like Ahmedabad, Bangalore, Chennai, Darjeeling, Hyderabad, Kolkata, Mumbai, Mysore, New Delhi etc.
- Through initiatives such as **onscreen marking and administration**, Edexcel is leading the way in using technology to modernize educational assessment, support teachers and learners.



CAMBRIDGE EXAM SYNDICATE

- The **Council for the Indian School Certificate Examinations (CISCE)** which was set up in 1956, adopted a proposal for the setting up of an Indian Council to administer the **University of Cambridge Local Examinations Syndicate's Examinations and Cambridge International Examinations (CIE)** has been launched in India in the year **2003**.
- The number of schools with a CIE affiliation has gone up to nearly **300** from 35 in 2003. Most of these schools are present in **Maharashtra, Gujarat, Andhra Pradesh, Tamil Nadu and Karnataka** (32 of these schools are ranked).



ROYAL COLLEGE OF PHYSICIANS AND SURGEONS

- In India, the first clinical examination for MRCP was held in Chennai in 2007. Forty-five physicians from across south Asia took part in this test.
- Currently there are **5 centers** located in India namely **Chennai, Kerala, Kolkata, Mumbai and New Delhi**. The exam takes place **thrice** in a year. Now whole of MRCP exam can be completed in India without visiting UK.



**INDIAN UNIVERSITIES WITH INTERNATIONAL
STUDENTS
CONTINENT WISE**

Continents	2008-2009
Asia	16004
Africa	4193
Americas	614
Europe	304
Australasia	66
Miscellaneous	597
Total	21778



HOW TO INCREASE THE NUMBER OF FOREIGN STUDENTS TO INDIA?

- Country specific areas and specialization
 - 1) Information technology, Development Economics
 - 2) Application software in IT, ICT, Medicine, Engineering
 - 3) Several enabling services like Banking, Insurance
 - 4) Biotechnology and Bio-applications and research oriented advancements in relation to Biology
 - 5) Agriculture and agriculture related research



STRUCTURAL CHANGES INTEGRATING RESEARCH AND EDUCATION

- Research oriented curricular structure starting from undergraduate to post doctoral level.
- Put **emphasis on research** at under-graduate level.
- Research can be promoted by means of **financial support, career development and incentives** to the researchers.
- The **publication of original research work** by is one of the most effective ways to gain international recognition.



- The regulatory bodies should **favour intellectual autonomy and academic freedom** based on the principles of regulatory transparency and institutional accountability, for Indian Universities to gain global recognition.
- Freedom to appoint faculty from wherever they are available.
- Encourage existing faculty to enable them to undertake and continue research.
- Encourage best students within the country and abroad, both to **take up faculty** positions. Give faculty members the freedom to work in India regardless of their nationality.
- Enable foreign universities to collaborate with Indian Universities.



INTERNATIONAL ONLINE COURSES AVAILABLE IN INDIA FROM INTERNATIONAL UNIVERSITIES

1) EdX

- EdX is a not-for-profit enterprise of its founding partners Harvard University and the Massachusetts Institute of Technology that features learning designed specifically for interactive study via the web.
- Based on a long history of collaboration and their shared educational missions, the founders are creating a new online-learning experience with online courses that reflect their disciplinary breadth.
- Along with offering online courses, the institutions will use edX to research how students learn and how technology can transform learning—both on-campus and worldwide.
- EdX's goals combine the desire to reach out to students of all ages, means, and nations, and to deliver these teachings from a faculty who reflect the diversity of its audience.
- EdX is based in Cambridge, Massachusetts and is governed by MIT and Harvard.



2) HARVARD UNIVERSITY

- Harvard University is devoted to excellence in teaching, learning, and research, and to developing leaders in many disciplines who make a difference globally.
- Harvard faculty are engaged with teaching and research to push the boundaries of human knowledge.
- The University has twelve degree-granting Schools in addition to the Radcliffe Institute for Advanced Study.
- Established in 1636, Harvard is the oldest institution of higher education in the United States.
- The University, which is based in Cambridge and Boston, Massachusetts, has an enrollment of over 20,000 degree candidates, including undergraduate, graduate, and professional students.
- Harvard has more than 360,000 alumni around the world.



3) MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

- The Massachusetts Institute of Technology — a coeducational, privately endowed research university founded in 1861 — is dedicated to advancing knowledge and educating students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century.
- The Institute has close to 1,000 faculty and 10,000 undergraduate and graduate students. It is organized into five Schools: Architecture and Urban Planning; Engineering; Humanities, Arts, and Social Sciences; Sloan School of Management; and Science.
- MIT's commitment to innovation has led to a host of scientific breakthroughs and technological advances. Achievements of the Institute's faculty and graduates have included the first chemical synthesis of penicillin and vitamin A, the development of inertial guidance systems, modern technologies for artificial limbs, and the magnetic core memory that made possible the development of digital computers.
- 78 alumni, faculty, researchers and staff have won Nobel Prizes.
- Current areas of research and education include neuroscience and the study of the brain and mind, bioengineering, cancer, energy, the environment and sustainable development, information sciences and technology, new media, financial technology, and entrepreneurship.



4) COURSERA

- Coursera is a social entrepreneurship company partners with the top universities in the world to offer courses online for anyone to take, for free.
- Courses are designed based on sound pedagogical foundations, to help master new concepts quickly and effectively.
- Key ideas include mastery learning; using interactivity; and providing frequent feedback.
- Online learning methods are, on average, at least as effective as face-to-face learning.
- Hybrid methods, which involve both methods of instruction, are considerably more effective than either method alone.
- A key factor in the design of the Coursera system is the extensive use of interactive exercises, which are critical for student engagement and learning.



FURTHER STEPS TO MAKE INDIA A GLOBAL HUB

- There are many interesting issues pertaining to various levels of education – school, university level and professional degrees.
- The school level has not yet been commercialized.
- There are no multi-national companies that have entered the school education market in the market except perhaps Delhi Public School
- At University level, many foreign universities are directly coming up and setting shop or partnering with Indian institutions to cater to Indian (local) demand.
- These universities see a huge market in India and would like to make money, however there is a possibility that they might suddenly pull out if they don't get the returns that they desire (as happened in UAE).



- But these partnerships are good for setting up the competitive benchmarks
- Allowing and enabling foreign universities to come in might fulfill to meet the rising demand in India.
- But some rules and regulation in this sector is needed that should **favour intellectual autonomy and academic freedom** based on the principles of regulatory transparency and institutional accountability.
- The government needs to ensure stability for foreign ventures.
- we have a robust set of private and public institutions for professional education like medicine, engineering and management.
- The collaborations and tie-ups seem to work well in these areas.
- Perhaps virtual education is the future of our education system, given the scale of things in India.



**THANK
YOU**

