The Asia-Pacific Regional Seminar on Moocs for Higher Education

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Director

All India Council for Technical Education
Journey of Learning
History of Learning & Teaching
It all started in INDIA.... BHARAT......

The oldest university of the world, **TakshaShila University** (800 BCE – 550 CE), was established in Rawalpindi District of the Punjab of the undivided INDIA by. Historians believes that it is the ancient world's first international university.
India’s traditional heritage is full of facts, information, and skills acquired through
1.) experience or education
2.) the theoretical or practical understanding of a subject.

The same has been mentioned in various texts, scriptures, Vedas, Puranas and various religious books like GITA, GURU GRANTH SAHIB, QURAN, BIBLE.
Audience Response Devices
2007-10

Today

Smartphones

FREE ONLINE EDUCATION swayam
What Happenes Online in 1 minute?

Smartinsights.com says how fast growth of Internet users in Digital World.
Indian Higher Education Scenario

760 Universities

- 261 - Privately Managed
- 293 - Located in Rural Areas
- 11 – Exclusively for Women
- 1 Central Open University (IGNOU)
- 13 State open Universities
- 430 General Universities
- 90 – Universities offers Technical Courses
- 61 - Agriculture & Allied
- 20 Law Universities
- 11 Sanskrit Universities
Colleges

- 38,498 Colleges
- 12,276 other stand alone higher educational institutions
- 462 Medical Colleges
- 3364 Engineering Colleges
- 3451 B-schools

But still the GER in India 25.2
Ministry of HRD, Govt. of India has developed SWAYAM platform to achieve the three cardinal Principles of Education Policy viz. access, equity and quality. The objective of this effort is to take bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

SWAYAM is one-stop web and mobile based interactive e-content for all courses from high School to university level.
MHRD priorities for SWAYAM

Parity
- Equal education to all
- Bridging the gap

Quality
- An integrated digital learning platform (8th standard - post graduation)
- An integrated & continues leaning path
- Best teachers & best students get together

Reach
- Anytime
- Anywhere
- Anyplace learning
- In local languages...
SWAYAM-Moocs Approach

Four quadrant approach:

I. Quadrant-I is e-Tutorial; which shall contain: Video and Audio Content in an organized form, Animation, Simulations, video demonstrations, Virtual Labs, etc, along with the transcription of the video.

II. Quadrant-II is e-Content; which shall contain; self instructional material, e-Books, illustrations, case studies, presentations etc, and also contain Web Resources such as further references, Related Links, Open source Content on Internet, Video, Case Studies, books including e-books, research papers & journals, Anecdotal information, Historical development of the subject, Articles, etc.

III. Quadrant-III is the Discussion forum for raising of doubts and clarifying them on a near real time basis by the Course Coordinator or his team.

IV. Quadrant-IV is Assessment, which shall contain; Problems and Solutions, which could be in the form of Multiple Choice Questions, Fill in the blanks, Matching Questions, Short Answer Questions, Long Answer Questions, Quizzes, Assignments and solutions, Discussion forum topics and setting up the FAQs, Clarifications on general misconceptions.
> Total Learners : 2057600+
> Total Courses : 1470+
> Active Courses : 150+
SWAYAM-Moocs Features

01. Course Credit Transfer
02. Grievances Module
03. New Business Intelligence Reports
04. News
05. Most Popular/Recommended courses
06. Instant Messaging using discussion forum
07. Course Analytics Report and excel download feature
08. Mobile App
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SWAYAM Mobile Version Download Link

Download App

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[Google Play] [App Store]
Thank You
Jai Hind

Dr. Manpreet Singh Manna
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