

3. SWAYAM - REVOLUTIONIZING THE INDIAN ONLINE EDUCATION SECTOR

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Abstract:

For the complete development of a nation education plays important role in development of individuals thereby contributing immensely to the overall. A revolutionary change in education has been witness globally in recent times. This happens primarily because of digital revolution taken place all across the globe. Once upon a time a typical Indian classroom was portrayed by students sitting through hour-long session, teacher used to discuss the things without any visual presentation and by just using black boards. Cheers to digital technology, it has made life easier for both students and educators. For effective child learning process Digital education is fun learning for all cadres and particularly effective in child's cognitive learning process as the innovative audio-video feature boosts the cognitive elements in a child's brain. Online education has provided a new way of learning to develop a student's mindset beyond schooling education by using digital platforms such as E-books, learning management systems. E-learning market in India is estimated at more than 3 billion at present. More than 370 million users are on internet in India helping online education to grow at a fast pace. This research paper focuses on SWYAM and how it is revolutionizing the Indian online education sector. It is the right a move that will mainstream online courses and increase their acceptability and credibility in the Indian higher education system., Online education played an important role in developing Indian education industry overall in terms of money as well as innovation. Most of the population are on internet and learn everyday something from it. Online education provides the medium for students to develop skills just by sitting home at free of cost.

Keywords: *Digital India, Online education, SWAYAM, online courses, certificates.*

What is SWAYAM?

SWAYAM (Study Webs of Active–Learning for Young Aspiring Minds) is a programme

initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to 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. This is done through an indigenous developed IT platform that facilitates hosting of all the courses taught in classrooms to be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to the residents in India.

SWAYAM platform is developed by Ministry of Human Resource Development (MHRD) and NPTEL, IIT Madras with the help of Google Inc. and Persistent Systems Ltd. It would be ultimately capable of hosting 2000 courses and 80000 hours of learning: covering school, under-graduate, post-graduate, engineering, law and other professional courses.

SWAYAM offers hundreds of courses with transferable credits. At the end of each course, there will be an assessment of the student through proctored examination and the marks/grades secured in this exam could be transferred to the academic record of the students. UGC has already issued the UGC (Credit Framework for online learning courses through SWAYAM) Regulation 2016 advising the Universities to identify courses where credits can be transferred on to the academic record of the students for courses done on SWAYAM.

In the first phase, IIT Bombay, IIT Madras, IIT Kanpur, IIT Guwahati, University of Delhi, Jawahar Lal Nehru University, IGNOU, IIM Bangalore, IIM Calcutta, Banaras Hindu University, alone as well as with the help of faculty from foreign universities will be offering courses in areas of engineering education, social science, energy, management, basic sciences. At least one crore students are expected to benefit in 2 to 3 years through this initiative. India has become one of the few countries in the world which has its own online interactive learning platform that provides not only video lectures and reading material but also assignments/quizzes that could end up in

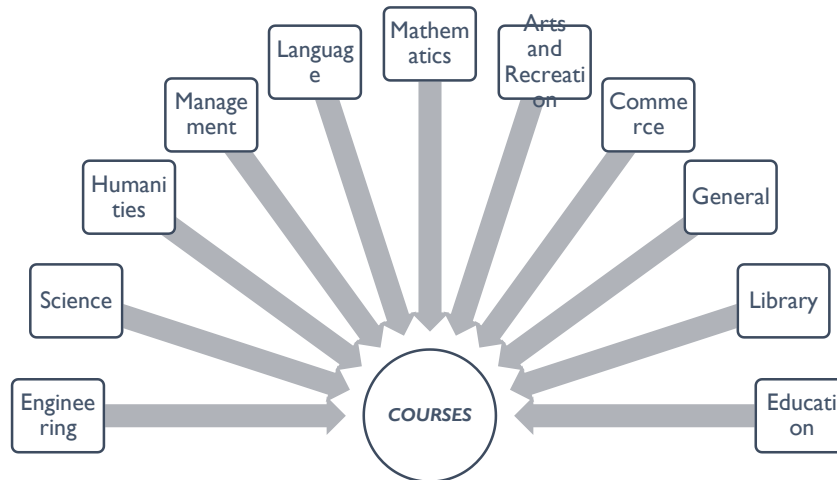
securing credits after completing the assessment system. Ex-President of India Shri Pranab Mukherjee launched the SWAYAM and SWAYAM Prabha, the 32 [DTH](#) channels operationalised for telecasting educational content free of charge using the GSAT-15 satellite transponders.

Key Features of SWAYAM-

1. Swayam MOOC (Massive Online Open Courses)
2. Initiative of Government of India
3. UGC Amendment
4. Free of Cost (Certificate with a little fee)

5. Scheduled Online Course Academic Development Prepared and organized by eminent Academician Assessment of the student through proctored examination
6. Marks/grades secured in this exam could be transferred to the academic record of the students. UGC has already issued the UGC (Credit Framework for online learning courses through SWAYAM) Added Course along with studies
7. No Age bar No number limit

What is offered in SWAYAM-Courses that are taught in classrooms from 9th class till post-graduation. Categories of courses include –



National Coordinators of SWAYAM-

In order to ensure best quality content are produced and delivered, seven National Coordinators have been appointed. Content Development Team for Swayam Technical Education has been meticulously developed. They are as follows-

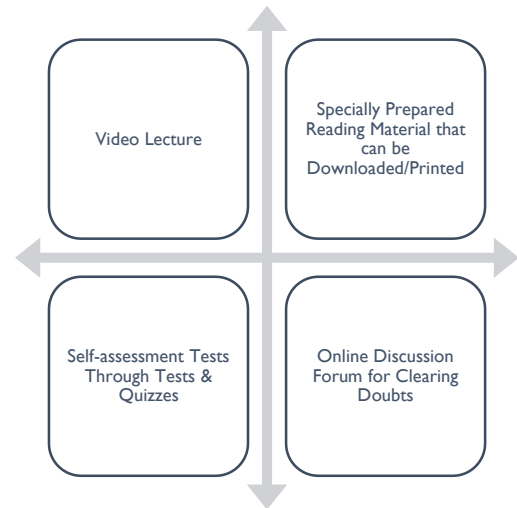
- [AICTE](#) for Annual Refresher Programme in Teaching for faculty of the Engineering/University/ Institutions
- [NPTEL](#) for engineering
- [UGC](#) for post-graduation education
- [CEC](#) for under-graduate education
- [NCERT](#) for school education
- [NIOS](#) for school education

- [IGNOU](#) for out of the school students and
- [IIMB](#) for management studies
- [National Institute of Technical Teachers Training and Research \(NITTTR\)](#) for teacher training programme

HOW to Register for Swayam- Process Involved for SWAYAM Online Course Study are-

1. Student Registration
2. Email Verification
3. Code Updating / Creating the Profile
4. Searching the courses available

5. *Joining the interested course (we may do several courses simultaneously)*
6. *Attending video lectures & Clearing Doubt via chatting*
7. *Attending Exams*



Platforms

- *Computer: Laptop/ Desktop with Multimedia*
- *Mobile Phone : Mobile Apps (Android Play Store & Windows Store)*

Four Quadrants for SWAYAM-

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