

Learning beyond Four Walls of Class Room: SWAYAM

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Abstract

The Indian education system is the world's third largest higher education system, having a rich mix of premier government and private institutes with a network of 38000 colleges and 800 universities. The Govt of India has taken an initiatives called SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) which objectives are to achieves three cardinal principles of Education policy i.e. access, equity and quality. The courses available under SWAYAM offers credit transfer as well as certificate for the courses. This paper is focus on SWAYAM, its adoption, source of content, course subscribers, how SWAYAM is different from another MOOCs platforms, etc. This paper would provide learner's experience of the SWAYAM during last two years.

Keywords: e-Learning, Indian Higher Education, SWAYAM, MOOCs

1. Introduction

The Indian training structure is one of the maximum prepared and best on earth with 903 colleges along with Institutions of National Importance, three.66 crore understudies and 12.Eighty four lakh instructors. This massification of reducing facet preparation conveys close by it numerous troubles which pass dealing with the propelled education of country these days like, the issues of get admission to, esteem, congruity, high-quality, the directors and financing. The ICT count on a essential interest in preserving an eye fixed on those problems. Right now, Massive Open on line guides are all round viably traverse the propelled parcel as via those courses great steering can be introduced at the doorstep of each understudy at essentially no fee.

The outstanding improvement of ICT within the schooling framework has had an substantial impact all round. India has been speedy enough to

use innovation for showing getting to know bureaucracy as ICT has advocated the availability to education and advancing nice instructing and figuring out a way to students of all age bunches over the length and expansiveness of the country. Taking focus of such

headways , the Ministry of Human Resource Development, Government of India propelled SWAYAM (Study Webs of Active Learning for Young Aspiring Minds), an indigenously evolved level planned for giving learning possibilities to the students through MOOCs (Massive Open Online Course) liberated from price in an prepared manner.

2. SWAYAM

Concentrate Webs of Active Learning for Young Aspiring Minds (SWAYAM) is an hobby taken by means of MHRD under National Mission on Education thru ICT. SWAYAM offers a

coordinated level to on-line publications, utilizing statistics and correspondence innovation (ICT) and covering guides secondary School to publish-graduate subjects including ability part courses to assure that every understudy earnings with the aid of getting to know material thru ICT.

Best in magnificence framework that allows easy access, checking and confirmation. Companion bunch connection and verbal exchange dialogue to provide an explanation for questions and Hybrid model of conveyance that provides to the nature of have a look at hall teaching.

The MOOCs at the SWAYAM are first rate, academic plan based, intuitive substance in diverse subjects across orders of sociologies, expressions, expressive arts, humanities, normal and numerical sciences, phonetics, dialects, innovation, the board, instructor making ready and expertise segment. These courses are created by the first-class personnel of the state painstakingly browsed extraordinary instructive foundations the country over from Secondary till Post-Graduation level.

3. Content Creation for SWAYAM

The assorted sort of Indian Education is huge and SWAYAM is made handy for college schooling to Higher guidance among numerous orders. In this way, MHRD recognized the country wide facilitator for numerous trains and asked manufacturing of substance in particular teaches.

The nine National Coordinators for developing MOOCs are portrayed in underneath referenced desk.

National Coordinator (SWAYAM)	Education Sectors
University Grants Commission (UGC)	Non-Technology Post Graduate Degree Programs

National Program on Technology Enhanced Learning (NPTEL)	Technical/Engineering UG & PG degree programs
Consortium for Educational Communication (An IUC of UGC)	Non-Technology Under-Graduate degree programs
Indira Gandhi National Open University (IGNOU)	Diplomas and Certificates
National Council of Educational Research and Training (NCERT)	School Education from Class 9th to 12th.
National Institute of Open Schooling (NIOS)	School Education from Class 9th to 12th.
Indian Institute of Management IIM Bangalore	Management programs
National Institute of Technical Teachers' Training & Research (NITTR, Chennai)	Teacher Training programs

3.1 Volume of Content

All guides are being installation in four quadrant technique for instance e-Text, Self-Learning, Self-evaluation and Learn extra are four quadrant. The MOOCs on SWAYAM observe a Four Quadrant Approach including:

Quadrant-I - e-Tutorial, which contains Video and Audio Content in a composed shape, Animation, Simulations, video exhibitions, Virtual Labs, and so on ,

Quadrant-II - e-Content, which incorporates PDF, Text, virtual books, outlines, video exhibitions, information and Interactive reenactments;

Quadrant-III - Web Resources, Open supply Content on Internet, Case Studies, books inclusive

of digital books, discover papers and diaries, Articles, and so forth and

Quadrant-IV - Self-Assessment, which incorporates Problems and Solutions, which may be as Multiple Choice Questions, Fill within the areas, Matching Questions, Short Answer Questions, Long Answer Questions, Quizzes, Assignments and preparations, Discussion accumulating factors and installing area the FAQs, Clarifications on widespread misinterpretations and many others. Instructional fashioners are furthermore consist of for consolidating sight and sound contributions to make more and more intuitive e-analyzing modules for college youngsters. SME ought to deliver PPTs of at any fee 25-35 slides in advance than the account. Give vast snap shots, storyboard, liveliness, illustrations and so on., before recording. Content documents in a Course can be ok to get all cloth required thru a ordinary understudy and is probably around 3000 terms for one hour content. Instructional originator may also additionally likewise be blanketed for fusing media inputs. The MOOCS seminars on Swayam being managed thru these National Coordinators begins with July session continually.

National facilitators added following no of guides in July 2018 consultation.

National Coordinator	No of Course Produced
Non-Technology Post Graduate Courses	48
Management and Professional Courses	07
Self-Paced (Article) Courses	10
Non-Technology Under-Graduate Courses	08
Management and Professional	32

Courses	
Natural and applied science Courses	28
Social Science Courses	25
Teacher Education Certificate Courses	16
Diploma & Certificate Courses	13
School Educational Courses	20
Out of School Educational Courses	39

2. Adoption of SWAYAM and Content Delivery (Offering Course)

Indian Education System has embraced the SWAYAM for renowned skip actually as for authentication. UGC and AICTE has discharged "Credit Framework for Online Learning Courses via SWAYAM" Regulation, 2016. All the route organizers being decided on thru the National Coordinators are There are following advances are being picked to get hold of the SWAYAM.

- Make Amendments: The University through their Competent Authority (EC, AC, BOS), should make revisions of their Ordinances, Rules, Regulations to consolidate preparations for circulate of credit for MOOCs guides consistent with UGC Regulations and to educate the affiliating faculties with recognize to modifications.

- Select the Courses: The University/Affiliating College to sign up to the SWAYAM entryway and pick the courses to be allowed for credit skip thru SWAYAM. (eg publications well-known for which team of workers isn't to be had, non-compulsory courses or for boosting teaching getting to know gadget) while making sure that bodily places of work like studies facilities, PC offices, library and so

on required for the course are made handy allowed to the understudies in fine diploma.

- Designate Course Coordinator: The University/College have to assign a CourseCoordinator/facilitator to direct the understudies throughout the path and to encourage/lead the Lab/Practical instructions/assessments.
- Disseminate Information: The University/College need to broadly disperse records approximately decided on courses to the understudies thru employees, Swayam Coordinators/Mentors, be aware sheets, understudy discussions, workshops, blurbs, internet primarily based lifestyles stages and university internet site on line and so forth.
- Course Registration: University to inspire enlistment of understudies. Each understudy enlisted for the path inside the University have to enlist for the MOOCs route.
- Evaluation: The Host Institution will verify the understudies enlisted for MOOCs courses dependent on communication gatherings, exams, assignments, sessional and final tests. The University to help Host Institution in main the last evaluation.
- Marks of the Students: The University will fuse the imprints/grades conveyed by way of manner of the Host Institution in the ultimate imprint sheet of the understudy due to this supply of diploma/recognition. Nonetheless, the University will affirm the understudies for the common-sense/lab aspect and be part of the ones imprints/reviews in the fashionable imprint sheet of the understudy.
- Certificate: On receipt of MOOCs fruits endorsement from Host Institute, the University to present proportionate credit

score weightage upto 20% for the credit earned through SWAYAM. No University will decline any understudy for credit portability for courses earned via MOOCs.

Finding and Conclusion

In India, preparation isn't always at popular due to barriers, for instance, topographical place (metropolis, semi town, provincial sector), hassle of accessibility of workforce for all courses which incorporates electives courses, preferred route fabric, excellent employees, and so on. So it's far found that Govt of India has taken extraordinary hobby of MOOCs diploma for instance SWAYAM that is filling the hole of formerly cited imperatives. In addition, college college students are likewise enlisting for the numerous courses. Courses are moreover being created with the useful resource of route facilitator which can be continual method.

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