



Implementation of the SWAMYAM Course among the PG Students and Faculty: A Critical Study

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ABSTRACT

Swayam Study Webs of Active-Learning for Young Aspiring Minds initiative by the Government of India. It is an online platform that offers free courses from various institutions and universities in India. Swayam aims to achieve the three cardinal principles of education policy: access, equity, and quality. The courses offered on Swayam cover various subjects, including engineering, humanities, management, science, mathematics, and more. Learners can enrol in these courses, study at their own pace, and earn certificates upon completing assessments.

Keywords: Swayam course, Learning package, UGC, Elearning Use

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1. Introduction

The 21st century is remarkable in the history of library Science. With the advent of information and communication technologies, the industrial society shifted to the knowledge society. Being always dynamic, the library moved from closed access to open access. Meanwhile, the whole education system drastically changed the application of ICT in education. The education system library and information centre are never independent. It supports the education system in providing the quality of information to learners.

With the application of ICT in library science, the complete nature of libraries changed. Now, a library is called an information centre, research centre, or knowledge centre because it accesses, stores, and disseminates information not only in libraries but also in higher education.

At the beginning of the information era, the higher education system completely changed from a board to an online learning system. Because of information and technology, the education system is complete and remote

access. From 2010 onwards, globally open-access platform forms were developed, which are called MOOCs. MOOC stands for Massive Open Access Courses. MOOCs from education changed the system. For the MOOCs, any individual without age, qualification, or caste can continue. Registered in MOOC course. A person who is interested in learning any subject can enrol on MOOC platforms.

2. History of MOOCs Platform

MOOCs for Massive Open Access Courses are open to anyone to enrol. MOOCs provide free-of-cost education and flexible ways to acquire new skills. It delivers quality education. With the help of information and communication technologies, millions of learners worldwide use MOOC courses to learn for different reasons, including career development, changing careers, lifelong learning, corporate e-learning and training and more.

Under the MOOC platform, “N:” a number of open courses are available worldwide. Because of these features, the MOOC platform offers an open education system. Many students can enrol simultaneously, and anyone from anywhere can enrol.

The dynamic open education system started in 2008; the University of Manitoba (Canada) offers a free course that attracts 2200 students. The University of Manitoba attracts students from other countries who are taking the initiative to build MOOC platforms in their countries. Then, in 2011, Stand Ford University offered three online courses for the public. so far, more than 10 million learners worldwide have enrolled in Stanford’s free online courses, also known as Massive open access courses or MOOCs.

2012 is a remarkable year in the history of the open education system. *Coursera*, *edx*, and *Future Learner* are the largest MOOC platforms with Global reach.

However, the same researcher made an attempt at MOOCs’ most popular platforms by geographical region.

SWAYAM: MOOCs (Massive Open Online Courses) are a popular platform with the advancement of ICT; India is not an exception, and as a result of Higher education introduced SWAYAM. SWAYAM stands for Study Web of Active –Learning for Young Aspiring Minds) developed by the Ministry of Human Resources Development (MHRD), Government of India.

SWAYAM is an online and mobile app-based platform that provides high-quality education to Indian citizens. as well as globally. Swayam platforms provide free-of-cost education; it covers all groups of students from high school to the postgraduate level. The SWAYAM platform is designed to benefit students from remote wards to class, working professionals, and college dropouts and promote lifelong learners and researchers. SWAYAM is designed to achieve the three cardinal Principles of education, i.e. Access, equity and quality.

The Objective of SWAYAM

1. To promote the online and online education system to Indian citizens and global students
2. To promote the Digital India
3. To create skill-based learning using ICT
4. To promote lifelong learners nationally and internationally

5. To promote the ICT based-education to all age groups

Asia(Except China)	North & United Kingdom	North America and united States	China
SWAYAM/INDIA	Futerlearn/United kingdom	Coursera/United Kingdom	XuctangX/China
NPTEL/INDIA	France universte Numerique(FUN)	edX/United states	Chinese Uniersity MOOCs/china
JMOOC /JAPAN	Miriadax/Spain	Udiacity/United states	Zhihushu/China
Gacco /JAPAN	Edu open/Italy	Kadenze/United states	CNMOOC/china
Fisdome/JAPAN	Federica Web Learning /Italy	Sanford Lagunita/ United states	XueYin online/ china
Open Learning / JAPAN	European Multiple MOOC Aggregator EMMA /Europe	Complexity Explorer	Open education (opened.tw)Taiwan
K-MOOC/KOREA	OpenHPI/Germany	Mexico/Mexico	eWant-education you want/Taiwan
ThaiMOOC/Thailand	MOOC/FINLAND		
IndonesiaX/Indonesia	Prometheus/Ukraine		
Edraak /Arabic	Open Education/Russia		
Campus-ii/Israel			

Functions Methods of SWAYAM

SWAYAM operates through four different approaches as follows.

1. Quadrant 1(e-Tutorial)

It contains video and audio content to conduct the course online. This is supported by transcription of video aids like Virtual Lab wherever required.

2. Quadrant 2 (E-Content)

This consists of specially created reading material that supplements the e-tutorial. The materials can be downloaded and printed. These include articles, e-books, Open-Source content on the net, research papers, etc. For certain courses, the learners may be required to complete mandatory reading of certain course material before they can proceed or complete the course assignments. These instructions are communicated on the course detail page.

3. Quadrant 3 (Discussion Forum)

There is a forum where learners can get their doubts clarified online by the Content Instructor or their team.

4. Quadrant 4 (Assessment)

Assignments may be set with a defined submission date and will be graded. Self-assessments can be done through tests and quizzes that will be made available throughout the course.

3. Subject Coverage

The Swayam portal offers over 2,100 courses delivered by about 1,300 teaching faculty from 135 Indian universities. With these numbers, one can easily imagine the resources on the SWAYAM portal. The courses are offered in various disciplines, and the materials covered range from Class 9th to post-graduate level. The essential disciplines in which the courses are offered are as follows:

3.1 Objective of the Study

1. To know the PG student's awareness of MOOCs platforms.
2. To find out the sources of knowledge about the SWAYAM course.
3. To know the purpose and enrolment of the SWAYAM course by the academy of higher learning students and research scholars.
4. To know the satisfaction level of PG students with SWAYAM teaching methods.
5. To discover the problems PG students and research scholars face while pursuing the SWAYAM course.

4. Methodology and Scope of the study

For this study, primary data was collected from PG students and research scholars of the commerce department of the Academy of Higher Learning. The study included online questionnaires. The questionnaires were designed to meet the study's objective. The questionnaires were prepared using Google Forms and distributed through WhatsApp. A total of 50 respondents completed the online questionnaire. The collected data was converted into the latest version of MS Excel and analysed for proper statistics analysis and description. The data was included and collected during December and January 2023.

5. Results and Analysis

The online survey questionnaires were distributed among PG students and Faculty members of commerce and management. Results show out of 50, they received 40 responses. The results show most of the respondents are female (80%). The male respondents only (10%).

Demography Information		(n-40)	
		No of respondents	%
Gender	Male	10	10%
	Female	30	80%

Table 1. Demographic Characteristics of Respondents

Respondents	(n-40)	
	Aware	Not Aware
PG students /Faculty	35(92%)	5(13.2%)

Table 2. Are you interested in the SWAYAM course

The table presents the data on the PG students and faculty members interested in the MOOCs flat form, i.e., the SWAYAM course. Out of 40, 35(92%) are curious and know about the course. The remaining 5(13%) are not interested in studying through the MOOCs platform.

Respondents	(n-40)		
	yes	No	May be
PG students /Faculty	30(77.5%)	2(2%)	8(17.5%)

Table 3. Respondent's awareness of commerce-related and other courses available on the SWAYAM Platform

The results show that 30(77.5%) PG students and Faculty members responded that they knew about the courses available in the SWAYAM course, 8(17.5%) knew a little bit, and only 2(2%) students didn't know about commerce-related subjects in the course

Respondents	(n-40)	
	yes	NO
PG students /Faculty	30(80%)	5(10%)

Table 4. Respondents - Did you appear in the SWAYAM exam

Table No 04. The results show that 30 (80%) PG students have taken the exams in the SWAYAM Platform, and only 5(10%) have not.

Respondents	(n-40)		
	yes	No	May be
PG students /Faculty	19(48.7%)	3(7.7%)	17(43.6%)

Table 5. Would you be interested in enrolling in further Courses in future

The table 5. The results show 19(48.7%) respondents to future ready to enrol MOOC plat form. and 17(43.6%) respondents may be or may not be enrol., Time will decide, and only 3 (7.7%)is not interested MOOC s plat form.

6. Suggestions and Conclusion

The Study of implementation of the SWMAYAM in the PG course using the survey method students' responses are very good, they actively taking MOOCs platform, i.e. SWAMYAM... and the quality of content is very high, students are happy about commerce and management course...and aware of other subjects also, but they gave some suggestion about some more commerce-related must be added, and to appear exam and assignments extend the duration of the course.

Anyhow, SWAYAM is an excellent platform for learners. They mentioned a good app, and the Indian government has taken innovative steps in the education system towards making Digital India. Overall, SWAYAM is a suitable flat form for learners nationally and globally.

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