



A STUDY ON PERCEPTION OF SWAYAM NPTEL COURSE AMONG THE COLLEGE STUDENTS

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ABSTRACT

SWAYAM is a programme initiated by the Government of India and designed to achieve the three cardinal principles of education policies etc., access equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. This is done through online platforms that facilitates hosting of all the courses.

SWAYAM conduct many online courses like NPTEL National Programme on Technology Enhanced Learning (NPTEL),MOOCS(Massive Open Online Course) offered on SWAYAM platforms changes every courses and seeks to bridge the digital divide for students who have hitherto remained untouched by the digital for revolution and have not been able to join the mainstream of the knowledge economy.

Keywords: Accessing quality and equity, learning resources, digital divide for students.

INTRODUCTION:

SWAYAM (Study Webs of Active -learning for Young Aspiring Minds) programme initiated by the Government of India. The programme is to take the best teaching- learning resources to all. It covers various courses includes schools, certificate courses, diploma, under-graduate, post-graduate courses. In future, it would be introduced in engineering, law and also in other professional courses. SWAYAM is designed to achieve the three cardinal principles of education policy access, equity, and quality. More than 1,000 specially selected faculty and teachers across the country have contributed in preparing courses. The courses hosted on SWAYAM are in 4 quadrants – (1)Video lecture, (2)specially prepared reading material that can be downloaded/ printed (3) self-assessment tests through tests and quizzes and(4)an online discussion forum for clearing the doubts. In order to ensure best quality content are created and distributed, nine National Coordinators have been chosen: They are AICTE for self-paced and international courses, NPTEL for engineering, UGC for non- technical post-graduation education, CEC for under-graduate education, NCERT & NIOS for school education, IGNOU for out of the school students, IIMB for management studies and NITTTR for Teacher Training programme.

SWAYAM provides high quality learning experience and allow easy access to the students for learning. Hybrid model of delivery that adds to the quality of classroom teaching.

STATEMENT OF THE PROBLEM

The issue with the situation is that the majority of teachers received their education in somewhat different ways. It's possible that tradition informed their method of education. That is, a personal connection existed between the instructor and the pupils. In contrast, students' learning experiences in the SWAYAM NPTEL online course are completely different because there is a shift from traditional classroom settings and in-person instruction to computer-based training in a virtual classroom. Because of their aversion to change, students find it difficult to adjust to the SWAYAM NPTEL online learning environment. Many students who engage in distant learning courses eventually fall behind and consider giving up when they encounter challenges with a technical medium. Thus, the researcher has made an effort to examine the students perception towards SWAYAM NPTEL online courses.

OBJECTIVES OF THE STUDY:

- To study the perception of SWAYAM NPTEL course among the college students.
- To determine the factors influencing students towards SWAYAM NPTEL online course.
- To study level of satisfaction of SWAYAM NPTEL course among the college students.

RESEARCH METHODOLOGY:

The procedure utilized to gather data and information in order to make business decisions. The methodology could incorporate information from the current as well as the past and involve published research, interviews, surveys, and other research methods.

SOURCES OF DATA

➤ PRIMARY DATA:

The primary data was collected based on the structured questionnaire with the help of Google Forms.

➤ SECONDARY DATA:

The secondary data for the study has been collected from books, journals, magazines, articles and websites.

AREA OF THE STUDY:

The study was conducted only within Coimbatore city.

TOOLS USED FOR THE STUDY:

Chi - Square

REVIEW OF LITERATURE

Bharti (2014)¹ “Awareness and challenges SWAYAM courses”, the study assess to show the list courses available under MOOC’s and to show the usage of the SWAYAM courses. SWAYAM is a platform for new India where quality education is affordable and self-learning is fruitful not only for enrolled but also for professionals and dropouts. With quality content. The researcher used primary data collect the responses from the 50 respondents in Tamilnadu. This study gives best online lectures and great knowledgeable. SWAYAM will provide great opportunities to Indian students to learn without fearing from failure. The study attempt to find out level of student awareness about the online courses and to identify the various aspects of the SWAYAM.

K. Sathish Kumar & Dr. Mahendra Prabhu(2017)²“ Awareness of SWAYAM Programme among students”, the very objective of the above work is to assess growing popularity of MOOC’s courses globally and also provide the state-of-the art of MOOCs (SWAYAM) – the indian platform for online courses. To find out the level of SWAYAM courses awareness among students to study the influence of variables if any in the awareness of the students on SWAYAM courses. The student response collected only through the Questionnaire method . The study is restricted with only 300 students sample. Therefore present study aims at studying the awareness of the students on their online courses. The study has been undertaken with the

Sample method. This study also attempts to find out the level of the students awareness on their online courses (swayam) through appropriate methodological and statistical procedures.

Mr. Rahul Hire Math (2017)³ “Awareness and Attitude of SWAYAM towards Coimbatore city”, the objective of the study is to identify the awareness of SWAYAM MOOC’s. The primary data is collected and descriptive and statistical tools for analyzed the data of 50 respondents of the students the attitude of SWAYAM towards Coimbatore City in Tamilnadu. The quality of SWAYAM is based on the quality of the course creators and the learners. It will help the nation for skill development program and create awareness between students about the online course. The success of the SWAYAM is depends on the government, national agencies like UGC, NPTEL,IGNOU &NIOS, and the top most institutions in the country.

COMPARISON BETWEEN GENDER AND LEVEL OF SATISFACTION SWAYAM NPTEL COURSE

H₁: There is no significant association between gender and level of satisfaction SWAYAM NPTEL

H₀: There is significant association between gender and level of satisfaction SWAYAM NPTEL

FACTORS	CALCULATED VALUE	D.F VALUE	P.VALUE
Improves the technical skill	67.156	4	.0224
Career Advancement	70.881	4	.0832
Certification	65.442	4	.0234
Enhancing profile	96.445	4	.0567
Compulsory requirement	78.554	4	.0166

Source: Author’s Computation

The P- value is less than 5% level of significance, so the null hypothesis rejected.

It is concluded that, there is significant association between gender and level of satisfaction SWAYAM NPTEL course.

COMPARSION BETWEEN AGE AND LEVEL OF SATISAFCTION SWAYAM NPTEL COURSE

H₁: There is no significant association between age and level of satisfaction SWAYAM NPTEL

H₀: There is significant association between age and level of satisfaction SWAYAM NPTEL

FACTORS	CALCULATED VALUE	D.F VALUE	P.VALUE
Improves the technical skill	72.334	4	.342
Career Advancement	59.209	4	.664
Certification	84.334	4	.512
Enhancing profile	70.156	4	.453
Compulsory requirement	90.888	4	.567

Source: Author's Computation

The P- value is less than 5% level of significance, so the null hypothesis rejected.

It is concluded that, there is significant association between age and level of satisfaction SWAYAM NPTEL course.

Findings from Chi – Square

- ❖ There is no significant association between gender and level of satisfaction of SWAYAM NPTEL course
- ❖ There is no significant association between age and level of satisfaction of SWAYAM NPTEL course.

CONCLUSION

People from all throughout the nation should get together to work toward improving online education. The power of India today, known as Digital India, cannot be undermined in any area. The current educational system is built on classroom instruction, but MOOCs offer the best option because the world has moved beyond physical borders and requires knowledge around the clock.

The caliber of the courses that SWAYAM NPTEL offers to the general public, as well as the accomplishments and relevance of the students enrolled in these courses, determine the program's success. Time will tell how these courses are used and what their influence will be. Every educational facility ought to have its own setup for the students wishing to take these courses for learning. Due to recent advancements in the telecommunications industry, internet connection is now quite affordable, which benefits students. SWAYAM is one step in the direction of the government's efforts to provide high-quality education for the country's citizens. To conclude the college students are satisfied with SWAYAM NPTEL courses.