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## The effectiveness of Using LMS Government College of Higher Education Department, Haryana: COVID-19

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### ABSTRACT

Government College of Haryana is rapid progress in education with advance teaching and learning during COVID-19. Government college introduce the latest e-learning Management system in Order to keep the pace of the technologies revolution in the field of higher education. COVID-19, there was facing a lot of problem related to study. There was problem to continue their study because public was afraid to COVID-19, according to Government instruction maintain social distance, stay home-safe life. Thus, it is very important and essential to find out the impact of e-learning management system in government colleges. Since this paper have focus on LMS (Learning Management System) to evaluate the impact of e-learning both teachers and student side. This paper examines what impact LMS has made on Students and how effectively LMS has influenced students on their academic activities.

Keywords –e-learning, LMS, Impact, Internet technology

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### INTRODUCTION

A learning Management system is a set of software tools for delivering, tracking and managing online training and education. LMS concepts emerged directly from e-learning. During COVID-19, Learning Management System have faced a vast growth in usage in education field of Government Colleges. With the help of LMS, we can used to create professionally structured course content. The teacher can add text, image, videos, pdf, links, slideshows presentation etc. which provide to easy way to learn a thing for students. In that case, the colleges focus on providing quality education without risk of being in a vulnerable financial position. Covid-19 has forced many organizations around the world to adopt virtual modes of teaching and learning platforms for their activities so too has Government College shifted its focus to the online class with the help of LMS. Teaching and learning processes have continuously evolved with LMS. Correspondingly, the rapid development of information and communication technologies has shaped traditional classrooms into smart learning environments with the help of LMS. For instance, sharing learning materials online has enabled the learners to study whenever and wherever they want.

**Learning** is the core of delivering educational or training program by an individual.

**Management** play role to manage all the schedules for each and every individual.

**System** is nothing but an e-platform to deliver the learning program.

#### **BENEFITS OF A LEARNING MANAGEMENT SYSTEM**

- the ability to monitor user progress and performance;
- increased eLearning accessibility without geographic limitations;
- the ability to personalize the online training and learning experience;
- the ability to easily ensure online training and learning materials are being distributed effectively; and
- the use of automation that allows users to forget about tedious, repetitive tasks -- such as user enrollment and certification distribution -- and focus on more important activities.

#### **COVID-19 situations**

In an educational organization, the main problem would be the mutual information exchange between the students and the organization during COVID-19. First case of Covid-19 on March 2020. Within a month of this development as case increased, the city closed its boarder imposed a "lockdown" situation and shut down school/college /institute. When there is a narrow scope of connectivity between the students and the organizations, it becomes hard for the organizations to manage the information transaction with the students. Such as, the Programs offered in the organized, faculty research areas, student enrollment procedures, schedule for lectures etc. But many organized do not focus on the students' aspects (i.e. for online student community) with the help of ERP system. Global spread of the pandemic, DGHE (Director General Higher Education, Chandigarh) has planned for online class with help of LMS. Thus, DGHE issued a letter in Haryana colleges that all teaching staff would take the online class on the LMS. By which student can continue their study without any effect of COVID-19. Thus, e-learning play important role in educational institution through this teacher can used to register user account on LMS for online classes. Presently, educational organized face the problem related to mutual information exchange between the administration and the student. Many colleges / universities do not have portal for the welfare of the students. Almost DGHE Portal consider portals as a means of information provider for the admission-based activities. This spread of the pandemic DHE, therefore had planned to return to normal after the lockdown. However, that was not to be, as the virus continued to spread around the world and government kept college and university closed through to December 2020.The Government gave some respite to various students under very clear guidelines, to complete the portion of the semester that had been prompted.

#### **PHASE OF LMS IN COLLEGES**

A Learning Management system is a software application for the administration, documentation, track, reporting and delivery of educational courses, training programmers or learning and development program. The learning management system concept emerged directly from e-learning.

**For Teacher** -The LMS Software offers efficient e-learning course management, content designing & uploading facility online examination conduction, multiple formats of exam -descriptive & MCQs, instant feedback mechanism, and much more.

**For Students** -Students who use a learning management system get "24x7" access to e -content & e-learning classes, online assignments, chat provision with teachers and much more.

#### **OBJECTIVE OF LMS**

1. To study Information quality and System quality of LMS system in Colleges of Haryana.

2. To examine the satisfaction level of LMS users in college of Higher Education specific reference Haryana.
3. To analyze beneficial effects for specially Administrator, University and Students for integrate information across all study phases (Online Courses, classes, Notes, Videos, Assignment, Grade, Reports) etc.
4. To analysis study of students to maintenance and improve the performance of student's education.
5. To Analyses the adaptability of the newly implemented LMS system in college campus for Education improve access to accurate and timely information for students.
6. To find out different parameters for the analysis of effective implementation of LMS in College.

### **SIGNIFICANCE STUDY OF LMS IN GOVERNMENT COLLEGE**

In this paper intends to study of education sector in Haryana data will be collected from various education organization like Government College etc. encompasses the analysis of effectiveness of LMS Implementation in College Campus. The Sample Design is given in this section. Preparation of the research design is done with great care as any error in it may upset the entire research. For the research, data has been used for obtaining information by colleges campus in this paper an attempt is made to find out the end user satisfaction of LMS system in the colleges. This paper is based on survey in Government Colleges of Haryana. There are 21 Districts in Haryana, each Districts have their colleges. For effective utilization of LMS and Zoom applications, lectures are requested to upload slides and lecture notes, assignment etc. used in colleges.

#### **Data Collection:**

Data is collected from both primary as well as secondary sources. In this paper, intents to study of Government colleges Krishan Nagar, Mahendergarh (Haryana), data will be collected from Govt, Colleges encompasses the analysis of the effectiveness of LMS implementation in college campus.

- a. **Primary Source:** Data is collected from primary source which has been used for obtaining information by college campus, Mahendergarh (Haryana). In the process observation method is also followed which helped in collection of information at source. The primary data is collected from Governments Krishan Nagar in Mahendergrah District (Haryana). Analyze the effect of LMS Implementation.
- b. **Secondary Data:** Data is collected from secondary source through books, News papers, reports and web portals. All Government Colleges require access to relevant and timely data that can be utilized to make the difficult and hard decisions that will have consequences for the daily and future institutional operations, structure, and culture. With the advances in technology, the logical conclusion and expectation is that an LMS system will provide the basis and foundation for any educational institution to meet data requirements for decision making purposes. But there is need to find out the problems of the present LMS system so that more improvements in the system will be possible. Thus, this research investigates the in-depth user satisfaction and quality of LMS system they are using. Furthermore, an attempt is made to study the impact of LMS implementation on the performance of educational institutions. Therefore, the results from this study provide an additional insight into the issues related to LMS system implementation in colleges of Haryana. The result from this study will be used in developing a practical set of guidelines that may improve the functioning of LMS system. The findings of this study will be helpful for upgrading the present LMS system. The suggestions of this study will be useful for the colleges to take decision about LMS implementation for e-learning.

### **LMS in Government College Krishan Nagar**

Government College Krishan Nagar is one of the government colleges in Haryana. GC Krishan Nagar was established in 1997 as a Co-ed college. This college is affiliated with IGU (Indira Gandhi University Meerpur Rewari, Haryana).

GC Krishan Nagar offers the following programmes in affiliation with IGU Meerpur Rewari, Haryana)

1. B. A (Bachelor of Art)
2. B.Com (Bachelor of Commerce)
3. B.Sc CS (Bachelor of Computer Science)
4. B.Sc NM (Bachelor of Non.Medical)

The duration of each program is of 3 years. During COVID -19, pandemics create these circumstance that there is only one way for student to continue their study with the help of e-learning The objective is aimed at providing a centralizes learning ground for all the students and staff of the college with upgraded.

It is used successfully by thousand of schools for supplementing face to face learning and for providing complete distance learning.LMS giving students the flexibility of new forms of collaborations, easier and self assessment and the ability to do group project with less face-to-face time is empowering to faculty and students-driving student success. The internet and other forms of e-learning platforms are being introduced and diffused in the college for teacher and faculty members go online.

### **Academic LMS In Government College of Haryana**

An academic LMS is very different from corporate LMS.It is a system for managing and developing e-class, in the context of an online classroom that replace or argument a physical education. While one or more super administrators manages this system and provide permissions to faculty the primary administration of an academic LMS are teachers, professor in academic LMS, let's say you work at college or university during COVID-19, there is guideline that maintain the social distance, thus Government college offer online classes that can be attended by anyone from anywhere. Students can use an academic LMS to deliver virtual class online

Here, we are presenting a LMS view Govt.college Krishan Nagar, Haryana.

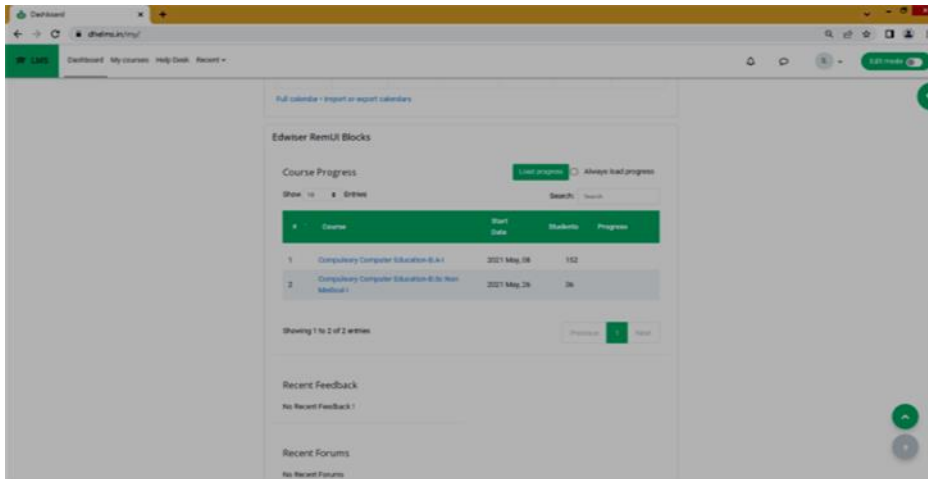
#### **User Management Feature**

User/ teacher management feature of an academic LMS include user account creation, authentication, user profile and role and permission. Firstly, teachers registered the student related to their course subject. User upload lecture videos, notes related to subject on LMS account.

#### **Course Management**

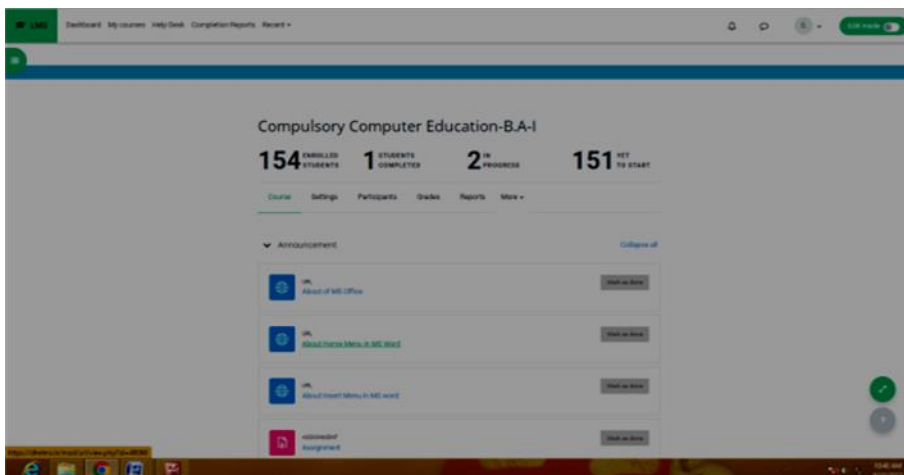
Course management is focused on the way courses are taught in academic environment and include features.

- Manage lesson and assignment.
- Course syllabus, learning, time table schedule.
- Provide survey, Quizzes and polls.
- Send Multimedia feedback form.



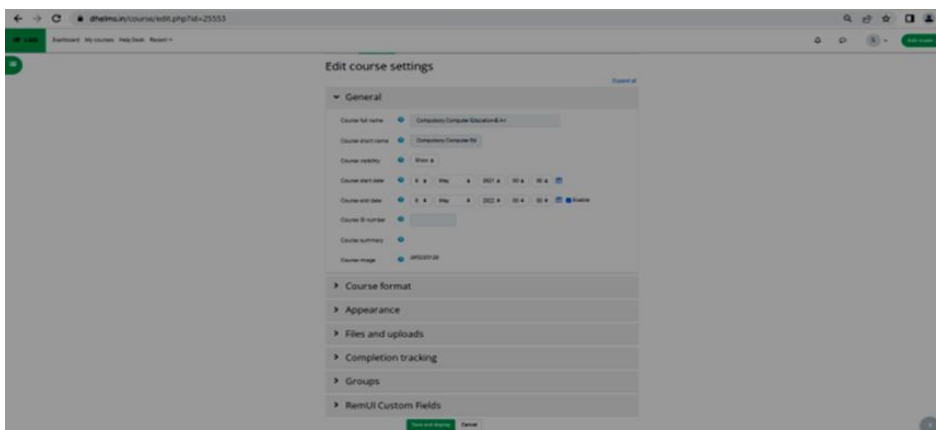
### Online Classroom

User can create any number of online classrooms for the classes you offer. Each online classroom contains your lessons, material and other resources for the class. LMS products enable you to create students' group for class project and breakout sessions. Here it provides Course format, appearance File and upload, Completion tracking, Group etc. It enables you to create students' groups for class projects and breakout session. You can give one another feedback, post and reply to discussion.



### Grade, Report, Surveys, Participant

When a students log in to the system, they are able to access a list of online classes in which they are enrolled. As the instructor, you can use a gradebook to track attendance, assignment completion, quiz scores and other information for each student.



## **Conclusion**

LMS faced a massive growth in usage due to the emphasis on remote learning during COVID-19 pandemic. During pandemic user/teacher create account on LMS and recorded lectures,notes pdf,video for student .Students can also submit their assignment,query .We have presented comprehensive study of different e-learning based LMSs. This study would help researchers involved in development of e-learning based LMS. LMS include course management, student management, feedback, online course management and online assessment also. A learning management system (LMS) provides the platform for the web-based learning environment by enabling the management, delivery, and tracking of learning. LMS are often viewed as being the starting point of any web-based learning program.

## **References**

- [1]. Baig, M. A. (2011). Effective of Social Networking sites in communication of information in distance Education i.e. A/c. literature review. *New Voices*, Vol. I,(Issue No. 4 New Voices Publication.)
- [2]. Al-ani, W. T. (2013). Blended Learning Approach Using Moodle and Student ' s Achievement at Sultan Qaboos University in Oman, 2(3). <https://doi.org/10.5539/jel.v2n3p96>
- [3]. J. W. (2016). Identifying significant indicators using LMS data to predict course achievement in online learning. *The Internet and Higher Education*, 29, 23–30.
- [4]. Tarhini, A., Hone, K., Liu, X., & Tarhini, T. (2017). Examining the moderating effect of individual-level cultural values on users' acceptance of e-learning in developing countries: A structural equation modeling of an extended technology acceptance model. *Interactive Learning Environments*, 25(3), 306–328.
- [5]. Yakubu, M. N. (2019). The effect of quality antecedents on the acceptance of learning management systems: A case of two private universities in Nigeria. *International Journal of Education and Development using Information and Communication Technology*, 1 (4), 101–115.