

Training for Development of Learning Management System Mts Ma'arif Nyatnyono , Semarang Regency

Kustiyono ¹

¹Universitas Ngudi Waluyo

Email Correspondence: kustiyono@unw.ac.id

Abstract. Training Development of Learning Management System (LMS) at MTs Ma'arif It's true aiming For increase teacher skills in utilise technology in the learning process . LMS is a digital platform that allows management teaching materials , exams , and interactions between teachers and students in a way efficient . Training This designed For give understanding about use of LMS, as well as method create , manage , and monitor learning online . Training results show that the majority of teachers are successful implementing LMS for compile teaching materials , making quizzes , and track development Study students . Although there is challenge related infrastructure and experience technical a number of participants , mentoring provided after training help participant For overcome difficulties faced . In overall , training This succeed increase quality learning with utilise technology , as well as give impact positive towards the learning process at MTs Ma'arif Yes .

Keywords: Training, Learning Management System (LMS), Development Learning, Educational Technology, Madrasah.

Introduction

In the ever-growing digital era, the use of information technology in education has become an unavoidable need. One technology that is increasingly popular and has a positive impact on learning is the Learning Management System (LMS). LMS is a web-based platform designed to support online learning activities, facilitate the management of teaching materials, evaluation, communication between teachers and students, and storage of more structured academic data. With LMS, learning can be done more flexibly, effectively, and organized (Sanita & Saparia, 2023) .

However, despite the enormous potential of LMS in improving the quality of learning, its implementation at the madrasah level such as MTs Ma'arif Nyatnyono, Semarang Regency, is still relatively limited. Most teachers at this madrasah still use conventional learning methods that do not utilize technology optimally. One of the causes is the lack of understanding of how LMS works and limited skills in managing the platform.

As a step to overcome this problem, Learning Management System (LMS) Development training is very important. This training aims to improve teachers' abilities in operating LMS that are relevant to learning needs at MTs Ma'arif Nyatnyono. With better skills in using LMS, teachers can more easily manage and deliver teaching materials digitally, organize online exams and assessments, and provide real-time feedback to students (Muntafi'ah et al., 2024) .

In addition, this training also aims to develop teacher capacity in creating more interactive and interesting learning, as well as optimizing the use of LMS to support distance learning (PJJ) which is increasingly important amid the pandemic situation and technological developments. In this context, LMS is expected to be a bridge between teachers and students in responding to the challenges of more flexible and efficient learning (Darwanto et al., 2022) .

This training will cover various technical and pedagogical aspects, such as how to create and manage learning content in LMS, create LMS-based quizzes and exams, and monitor and report student learning progress. With this training, it is hoped that teachers at MTs Ma'arif Nyatnyono can be more confident in using LMS as a learning tool that supports the development of students' digital skills.

Through this training, it is also expected that there will be a paradigm shift among teachers, from learning that was previously more focused on face-to-face in class to learning that is more varied and technology-based. The effective use of LMS can help realize learning that is more structured, affordable, and easily accessible to students, while improving the quality of education at MTs Ma'arif Nyatnyono as a whole.

Research Methods

Training Development of Learning Management System (LMS) for teachers at MTs Ma'arif It's true implemented with a structured and based approach practice direct , use ensure participant No only understand draft LMS basics but also capable of apply its function in activity learning everyday . The method used in training This covers a number of stages , start from introduction of LMS to evaluation and mentoring continued .

First , participants will introduced with the basics LMS usage . In the session this , instructor will explain in a way comprehensive about LMS concept , its benefits in the world of education , as well various feature the main thing that exists in system This . Participants will understand how LMS can make it easier management teaching materials , exams , and interaction between teachers and students , both in learning look at advance and learning distance far away (PJJ).

Next , training to be continued with workshops and practice directly , where participants taught For manage content learning through LMS. Teachers will given chance For create and organize teaching materials , such as uploads documents , videos, and making quizzes and exams based on LMS. Participants will also trained For monitor development Study student through feature reporting and analysis available on the LMS.

In addition , the training also accommodates need online learning with stage simulation use of LMS in learning distance far . In the session this , participants will introduced method design and implement learning online , including compile plan learning LMS based , manage online discussions , and provide bait come back to results task or exam students . This is aiming For introduce various possibility use of LMS in support flexibility learning in the digital era.

Evaluation will done at the end training through exam practice in which participants requested For apply what has been studied with make material learning and quizzes in the LMS. Participants will also involved in discussion group For discuss challenges faced during training and solutions that can applied in the field .

After training finished , done mentoring advanced For ensure use of LMS can applied with both in their respective classes . Mentoring This done through discussion forums or group communication others , where participants can each other share experience and ask help related problem technical or pedagogical issues faced . Evaluation periodic about the use of LMS by teachers will also done For know how far is the training This give impact on quality learning at MTs Ma'arif Yes .

With method structured and based training practice This , it is hoped that the participants can to obtain deep understanding about benefits and how to LMS work , as well as can optimize use system This in increase quality learning in their madrasah .

Results and Discussion

Training Development of Learning Management System (LMS) at MTs Ma'arif It's true produce impact significant positive to teacher understanding and skills in using LMS for support the learning process . After follow training , the majority participant show improvement ability in manage content learning through LMS, such as making teaching materials , quizzes , and online exams . Teachers can also more easy monitor progress Study student with utilise feature existing reporting in system , so that management learning become more efficient .

In addition , participants also succeeded understand method using LMS for learning distance far (PJJ). They can to design plan online learning , managing interaction with student through discussion forums , as well as give bait come back in a way direct to task or the test that has been completed students . This is increase involvement student in the learning process , even though done by online.

Improvement skills The use of LMS also has an effect to management time and efficiency administration in the environment school . With existence integrated system , teachers do not Again need do recording manually , which during This confiscate time and effort . Monitoring process assignments and exams student can done in a way automatic , reduce burden teacher work and improve accuracy evaluation .

Although Thus , some challenge Still there is , like limitations infrastructure technology and understanding that has not evenly distributed among teachers . Some teachers also experienced difficulty beginning in adapt with new LMS features , especially in management teaching and exam materials digital- based . However , through ongoing assistance and evaluation done , expected challenge This can overcome and utilization of LMS at MTs Ma'arif It's true can Keep going develop with Good .

In general overall, training This succeed increase teacher understanding and skills in using the Learning Management System as tool help effective learning. It is hoped that the participants training can implementing LMS in a maximum in the learning process them, and give impact positive to quality education at MTs Ma'arif Yes.

Discussion

Training Development of Learning Management System (LMS) implemented at MTs Ma'arif It's true has show significant results in increase skills technical and understanding pedagogical of teachers in utilise technology For learning. One of the points important that can highlighted is convenience for participants in manage teaching materials digitally. With LMS, teachers can upload various type material, good in the form of documents, videos, and quizzes, which make it easier student For access teaching materials when anywhere and everywhere. This is support draft more learning flexible and allows teachers to adapt material in accordance with need student.

One of profit main from LMS which can utilized by teachers is feature reporting and monitoring progress students. After training, teachers can utilizing LMS for track progress Study student in real-time. This feature allows teachers to see development assignments, tests, and activities others, giving bait come back with more fast, and identify areas that need repaired by students. With Thus, the evaluation process become more structured and efficient, which in turn can increase quality learning.

In addition, training also provides understanding more in about learning distance far away (PJJ). Use of LMS in online learning allows teachers to still interact with student although No There is meeting look at face. Through discussion forums, messages, and features others, students and teachers can Keep going communicate and interact with each other give bait back. This also opens opportunity for teachers to create more learning interactive and participatory, which can overcome limitations space and time in learning conventional.

Although Thus, the challenges faced in Implementation of LMS at MTs Ma'arif It's true No Can ignored. Some teachers experience difficulty beginning in understand all LMS features, especially those related to with making online quizzes and exams. Transition process from method learning traditional going to use digital technology requires time and patience. Some factor affecting matter This including limitations infrastructure technology in schools and lack thereof teacher experience in using a web-based platform. In addition, although part big participant can follow training with well, some Still need mentoring advanced For overcome problem technical and pedagogical that they face in the field.

However, the challenge This is not obstacle For Keep going developing. With existence mentoring and evaluation periodically, it is hoped that teachers can more accustomed and trust self in using LMS optimally. In addition, collaboration between teachers and teams manager technology in schools is very important For ensure the LMS can used with effective in the learning process. If the obstacles the can overcome, the use of LMS at MTs Ma'arif It's true potential For the more grow and become effective solution in increase quality education, good in learning look at advance and online learning.

Conclusion

Training Development of Learning Management System (LMS) at MTs Ma'arif It's true has succeed increase the ability of teachers in manage learning use technology. With Integrating LMS into the learning process, teachers now can more easy convey teaching materials, making exams and quizzes, as well as monitor development Study student in a way more effective and efficient. Learning become more flexible, with student can access materials and assignments When anywhere and everywhere, which supports more learning independent and interactive.

Although training This give impact positive, challenge in LMS implementation in the field still there is, especially related with limitations infrastructure and teacher experience in use technology. Some teachers still need mentoring and guidance more carry on For overcome difficulty technical and understanding all over LMS features in general maximum.

However, with existence mentoring continuation and evaluation periodically, it is expected that LMS can applied in a way more extensive and effective at MTs Ma'arif This is true. will contribute in create more modern, efficient and quality learning, as well as support development education based on technology in the madrasah. With optimal utilization of LMS, MTs Ma'arif It's

true potential For increase quality education , good in learning look at advance both online and offline.

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