

Assistance in Increasing ICT Capabilities for Learning for Teachers at SMKN 7 Mataram

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Abstract

This service activity aims to equip SMKN 7 Mataram teachers with the development of Information and Communication Technology knowledge and skills in utilizing one of the information technology applications to make teaching materials more interesting. Of the many information technologies in the world of education, Canva is an online graphic design application that allows users to create various types of visual content such as posters, brochures, presentations, and others. Canva offers various free features to various design templates to support users in creating graphic content such as creating teaching materials. Based on observations, several teachers at SMKN 7 Mataram have utilized this application as their teaching material and there are teachers who still use traditional methods of teaching because they are not used to using the Canva application. With the rapid development of technology, the Canva application also increasingly offers many features and templates to support learning media for teachers. Based on this, to help teachers at SMKN 7 Mataram, the service team provided assistance on exploring more widely the use of Canva such as how to create their own learning media templates to create learning videos. Based on the results of the evaluation carried out on the material of the mentoring activities carried out, very good results were obtained and the partners also said that they were greatly helped by the material that had been delivered by the community servant team.

Keywords: *Teaching Materials, Canva, Learning process, Information Technology, Educational Technology.*

INTRODUCTION

Information and Communication Technology (ICT) has become an important part of the world of education, where the process of using it requires learning skills that can keep pace with developments in science and technology. The use of information technology in the education sector can be utilized by teaching staff to convey knowledge to students in a more interesting and enjoyable way, such as providing access lesson material in detail *online* through *google classroom* to interacting with students through quizzes *online* through the help of other information technology.

Learning is a learning and teaching process activity between teaching staff and students, where teaching staff have an important role, namely to educate their students. One of the factors that influence learning success consists of learning methods, learning media, sources or teaching materials [1]. Learning by utilizing developments in Information and Communication Technology (ICT) from a process perspective has the opportunity to cover the weaknesses of limited space and time, and from a content perspective, ICT offers an understanding of concepts that are easier for students to digest [2].

Learning design and graphic methods is very much needed for teaching staff, including teaching staff at SMK Negeri 7 Mataram. SMK Negeri 7 Mataram must be able to provide facilities for teaching staff regarding knowledge about supporting online learning systems so that teaching staff are able to provide an interesting learning experience for students.

Based on the results of observations, the learning process at SMK Negeri 7 Mataram still uses conventional learning methods where teaching staff enter the classroom to provide material to students and then the students play an active role in the learning process in class. The majority of teachers at SMK Negeri 7 Mataram use the group investigation type cooperative learning method (*group investigation*) where teaching staff carry out learning by dividing into groups and discussing learning together. Based on the results of interviews with teachers at SMK Negeri 7 Mataram, it is known that students' interest in learning is still low, where in every class there are students who are indifferent during the teaching and learning process and assignments at home.

Assistance to teaching staff in compiling digital teaching materials and creating quizzes is

one solution to the problem which is expected to improve the ability of teaching staff in using ICT to create more interesting teaching materials in order to increase interaction between teaching staff and students.

By utilizing various digital platforms such as Canva as a medium to help teachers make teaching materials more interesting. Canva is an online visual design and communication platform that allows users to create various types of visual content such as making posters, banners, social media posts and even making presentations. One of the Canva templates that will be used is a presentation template, where teachers will use this template to create digital teaching materials with designs that are made more attractive and creative.

It is hoped that assistance for teachers at SMK Negeri 7 Mataram in making teaching materials with the help of the Canva application can motivate teachers to be more creative and improve their ICT skills. It is also hoped that students will be more motivated to learn and actively participate in using digital media to make it easier to access lessons both inside and outside the school environment.

IMPLEMENTATION METHOD

The community service method carried out by the team for SMKN 7 Mataram is in stages: preparation stage, implementation stage and evaluation stage.

1. Stage of Preparation

The implementing team made direct observations at SMKN 7 Mataram and conducted interviews with the deputy principal for curriculum regarding the conditions of teaching and learning activities in the school between teachers and students, the extent to which ICT was used by teachers to carry out the teaching and learning process, and the extent of teachers' mastery of ICT. . The implementation team has prepared a material presentation related to the use of information technology that can be used to create more interesting teaching materials, namely by using Canva. The team also explained the benefits of using Canva in increasing learning effectiveness. The

implementation team together with the school determines a schedule for carrying out activities that are expected not to interfere with class hours so that teachers have free time to take part in mentoring activities.

2. Implementation Level

The activity will be carried out on August 5 2024 at 08.30 - 12.30 WITA located at SMKN 7 Mataram Jalan TGH Lopan Dasan Cermen, Mataram City, West Nusa Tenggara Province. The activity took place in the Meeting Room of SMKN 7 Mataram on August 5 at 08.30 - 12.30 WITA involving lecturers and students from the Mandalika University of Education as the implementing team. The lecturer will focus on explaining Canva and then demonstrate how to create interesting teaching materials using Canva. This activity also involved 20 teachers at SMKN 7 Mataram, both those with a basic informatics and non-informatics background. The group of teachers who attended this activity were teachers who were confirmed to not have a teaching schedule on the day of the activity, making it easier to take part in this activity without being hindered by the school's study schedule. After carrying out the demonstration, teachers can immediately practice the same thing and directly receive guidance from the implementation team.

3. Evaluation Stage

The implementing team evaluated the activities that had been held by holding a discussion at the end of the session through question and answer to ensure that the explanation and implementation of how to create teaching materials using Canva could be understood by the teachers who took part in this ICT assistance activity. The team will also publish the results of the activities in the form of reports and make them into scientific articles so that they can be used as a reference for further research or as inspiration for learning with the help of ICT.

RESULTS AND DISCUSSION

The activity took place in the Meeting Room at SMKN 7 Mataram where teachers had

previously been informed to bring their own laptops so they could practice what the implementing team would demonstrate. The implementation team previously explained the importance of using ICT in assisting the teaching and learning process.



Figure 1. The Team Explains About Canva

With the help of ICT, teachers can continue to innovate to create a creative and enjoyable learning environment, which is very important because it can help students such as helping them succeed in learning, solving problems, influencing students' lives, and creating a sense of joy and satisfaction in students [3]. In line with research conducted by Jamun et al., (2023), the use of ICT as a tool in learning in elementary schools has a positive impact on increasing student learning achievement [4]. The use of ICT in the learning process in the classroom is very necessary to increase student motivation and learning outcomes and prepare students who are ready to face the challenges of the times [5].

To build an interesting teaching and learning process, delivery in class is not only through the lecture method, but can use the help of existing information technology, one of which is creating interesting teaching materials using Canva. Quality teaching materials can help and make it easier for students to understand the material well and of course will get good learning results [6]. Teaching materials can be created in various ways, namely in the form of e-modules or materials that have been prepared in PowerPoint form. Canva is a popular platform used by teachers because it is user-friendly and

has many features. One of the features used in creating teaching materials is using PowerPoint by Canva to create learning videos via Canva.

1. Canva as a Learning Media

Canva is an online visual design and communication platform that has been widely used as a tool to create various types of visual content, one of which is creating interesting presentations of teaching materials in class using the PowerPoint feature in Canva. This Canva application can help teachers and students make it easier to carry out technology-based learning, skills, creativity and other benefits obtained [7]. By making PowerPoint presentations using Canva, teachers as instructors can express their material and creativity on PowerPoint, making the learning process more interesting.



Figure 2. Team Explains How to Create a Manual PowerPoint Template

There are lots of PowerPoint templates available on Canva, but not all of them can be accessed for free. For teachers who have difficulty adapting the presentation theme to their material, they can create their own more attractive PowerPoint designs. The implementation team then explained how to create a Canva PowerPoint template independently. The steps are as follows:

- a) Teachers as users must access Canva via the website address <https://canva.com>.
- b) If the teacher doesn't have a Canva account, it is recommended to register or register first to make it easier to save all the progress that has been made in Canva. Register or log in directly using your respective Google account.

- c) After logging in, the Canva page provides various menus, one of which is PowerPoint, you can click on the "create new" PowerPoint icon.
- d) Teachers can use the sub menu on the side of the slide, namely "design" (can use the "layout" menu section to organize the composition of the presentation).
- e) Teachers can use the "elements" menu which consists of various media such as photos, animations, videos, music, polls, and AI photo generators. These elements will be outlined in the presentation according to the theme of the lesson to be delivered.
- f) Teachers can also display data results through diagrams, namely in the "Charts" menu.

The following is an example of the results of a manual demonstration of making PowerPoints by the implementation team for teachers at SMKN 7 Mataram.

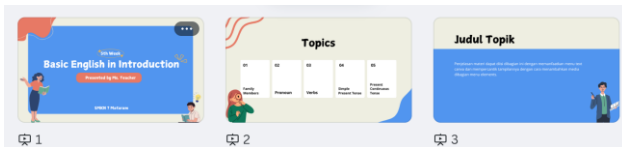


Figure 3. Results of the PowerPoint Template Demonstration

After demonstrating the application of Canva to create PowerPoint presentations without using templates, the implementation team directed and guided the teachers at SMKN 7 Mataram to practice on their respective laptops.

2. Canva as Online Learning Video

At this stage, the implementing team continued the demonstration of using Canva to create online learning videos, where the teacher could provide teaching materials followed by video or audio from the teacher in the PowerPoint presentation.



Figure 4. Team Demonstrates Making Online Learning Videos

The steps for making online learning videos are as follows.

- a) After the PowerPoint has been created, teachers are asked to click the "Present" menu at the top of Canva.
- b) Click "Present and Record" then click "Next".
- c) Click "Go to Recording Studio".
- d) At this stage the teacher will start recording themselves explaining the material from the PowerPoint that has been created.
- e) After finishing recording, click "Stop Recording" then Canva will carry out the process of saving the recording.
- f) The teacher can select "Save and Exit" to save the recording without downloading it or, can click "Download" to download the recorded presentation.



Figure 5. SMKN 7 Mataram teachers practicing on their respective laptops

The implementation team then returned to accompany the teachers at SMKN 7 Mataram to practice their respective presentations.



Figure 6. Teacher asks questions during the question-and-answer session

After the teachers have followed the steps given, the activity ends with a question-and-answer session where SMKN 7 Mataram teachers can ask anything related to using Canva as a learning medium.

CONCLUSION

The implementation of Canva as a learning media and online learning videos was welcomed by the teachers of SMKN 7 Mataram and they were very enthusiastic about using Canva in the future in teaching and learning activities. This shows that this mentoring activity provides effectiveness in improving teacher ICT competency by utilizing information technology as a learning media tool in the classroom.

The implementation team has succeeded in delivering the material and demonstrating how to create manual PowerPoint templates and make them into online learning videos. Most of the teachers at SMKN 7 Mataram have succeeded in putting into practice what has been demonstrated well, starting from making PowerPoint presentation templates manually to making online learning videos. Implementing Canva as a learning medium can have benefits for teachers in improving their technology skills and being able to be creative in creating more enjoyable learning in the classroom.

SUGGESTION

The research team hopes that future service activities will produce online learning modules so that the knowledge gained can be accessed anytime and anywhere. It is hoped that future researchers will be able to provide mentoring activities not only to teachers, but also from the student side there is a need to increase ICT skills.

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