Research Article

Education And Training On Searching For Teaching Materials From The Internet For Teachers In Pangkep District

Edy Sabara¹, Retyana Wahrini², Mustamin³

1. Program Studi Pendidikan Vokasional Mekatronika, FT UNM, edysabara66@unm.ac.id
2. Program Studi Pendidikan Vokasional Mekatronika, FT UNM, retyana.wahrini@unm.ac.id
3. Program Studi Pendidikan Teknik Elektronika, FT UNM, mustamin@unm.ac.id

Abstract. This Community Service Program (PkM) is entitled Education and Training on Searching Teaching Materials from the Internet for Teachers in Pangkep Regency. In the midst of globalization, teachers should not be like frogs in a shell. Teachers must have broad and globalized insights as an effort to improve education. Teachers should not only transfer information/learning materials that are "stale" (not contemporary) to students. The material taught by teachers does not solely come from textbooks, but there is information as learning material that can be obtained through other sources. One source that can be used as a medium to browse the latest information is the internet. The internet is currently not a rare item. Almost every time we use the internet in every activity to find various references and information needed. Currently in Pangkep district, teachers certainly have a variety of learning media and teaching materials used in the teaching and learning process, teachers access a variety of information for their teaching materials. It's just that to be able to access it, you need skills

in the form of ways or techniques to make the internet a medium for searching learning resources. In fact, most teachers in Pangkep District do not know and master the techniques of operating and using the internet. Given the importance of this, it is necessary to hold training on the use of the internet as a medium for searching learning resources for teachers in Pangkep District.

Keywords: Training, Teaching Materials, Internet

INTRODUCTION:

At this time internet users spread throughout the world have reached more than two hundred and fifty million people, and that number will continue to grow. The increasing number of internet access users is indeed very reasonable, currently the internet is not only used as a means of communication or a means of finding information, but has also been used as a means of finding various learning media in the form of teaching materials by various educational worlds.

The use of teaching materials is a very important part of learning and teaching activities. Teaching materials will systematically compile a complete figure of the competencies to be mastered by students. Teaching materials can also make it easier to convey teacher messages to students accurately and clearly. Teaching materials that are used or utilized properly will make learning easier (Sulistyosari, 2018). However, the use of teaching materials for students is currently not implemented optimally, especially teachers in Pangkep Regency. Teaching materials used by teachers only focus on teaching materials available in the source book. This source book contains events that do not exist in the student's environment, it can even be categorized that this source book makes students fantasize about something they do not have, so that the teaching materials contained in the source book become uninformative.

Implementing learning with technology-based teaching materials requires skills. The use of digital must be owned by every component of education. Teachers are required to be able to provide a learning process with a conducive atmosphere and use creative and innovative learning media so as to attract students in learning and learning objectives can be achieved (Cahyani et al., 2020). However, teachers have difficulty in making interactive teaching materials based on information technology or digital in learning activities.

Informative teaching materials are very helpful for students in carrying out learning activities. Teaching materials must adjust to the situation and conditions of students, therefore, teachers should make teaching materials or materials that are more creative, adjusting to the environment that exists in the student's environment. In order to make teaching materials more optimal, information technology can be utilized to support learning using informative and creative teaching materials. According to (Pujiati & Yulianto, 2021)

The internet plays an important role in the development of education. The role of the internet includes being a source of information and data, as well as a means to exchange data and information that is not limited by time and space. The real evidence of this use is the benefits of the internet for learning activities. The benefits of the internet in education for teachers include:

- To increase insight and knowledge.
- As a means of exchanging sources and information with fellow professionals.
- As a means to cooperate with educators abroad.
- As a means to participate in educational activities, such as forums, seminars, workshops and others.
- As a source and teaching material.
- Meanwhile, the benefits of the internet in the world of education for students (learners) include:
- As a source of insight and knowledge
- As a means to improve relationships / communication with other student friends.
- As a practice medium for the theory that has been obtained from the learning that has been followed.

Another benefit is that it makes it easier to find information about educational institutions, which in the past educational institutions in promoting their schools and universities used conventional methods, namely by distributing brochures. However, now promotion can use the internet through the web which is much more practical.

IT-based learning can improve the quality of learning and develop creativity in the world of education. This kind of learning is the goal of the Ministry of Education and Culture of the Republic of Indonesia which wants student-focused learning. So that the role of the teacher must provide stimulus or stimulation to students by presenting interactive teaching materials based on information technology.

Based on the results of observations and discussions with productive teachers majoring in electronic engineering at SMK Negeri 2 Makassar, the problems faced in developing the competencies possessed by teachers are:

1. Limited teaching materials for learning
   This causes difficulties for schools in the process of implementing learning activities.
2. Low teacher competence in the field of utilizing teaching materials through the internet
   This causes a lack of knowledge ability in teaching learning materials to students in an interesting, innovative, and creative way and is able to arouse students' passion in learning.
3. Not optimal utilization of learning media

RESEARCH METHODS

The method of implementing the PKM program is carried out by providing understanding to teachers who become partners regarding the use of teaching materials from the internet in Pangkep Regency in the form of education and training. In addition, assistance is also held to ensure the sustainability of the implementation of searching for teaching materials from the internet carried out by educational partners in Pangkep district. The PKM program was implemented in Pangkajene and Islands Regency, South Sulawesi Province. This activity was carried out for two days,

starting Monday, February 1, 2023 to September 20, 2023 in Pangkajene and Islands Regency. The training participants were vocational school teachers. Participants totaled 20 people. With this activity, it is hoped that teachers can find and utilize the use of teaching materials on the internet as well as possible so that it has a good impact on learning that can improve the quality of education. This activity is carried out by means of an active participatory approach on an ongoing basis between the proposing team and partners, as the controller of the Community Partnership program plays an active role in providing regular assistance and guidance to partners.

The method of implementing Community Service (Independent) activities on Searching Teaching Materials from the Internet for Teachers in Pangkep Regency and the solutions offered are as follows:

1. Conducting lessons for teachers in understanding the principles of developing teaching materials, the methods used are lectures, discussions and questions and answers.
2. Training teachers on the form of teaching materials the methods used are lectures, discussions, questions and answers, and practicums.
3. Training teachers on the scope of teaching materials the methods used are lectures, discussions and, questions and answers.
4. Training teachers about the preparation of teaching material maps the methods used are lectures, discussions, questions and answers, and practicum
5. Training teachers on the flow of analysis of the preparation of teaching materials the methods used are lectures, discussions and, questions and answers.
6. Training teachers on evaluation and revision of teaching materials The methods used are lectures, discussions, questions and answers, and practicum.
7. Training teachers on the content appropriateness component of teaching materials the methods used are lectures, discussions, questions and answers, and practicum

The main methods taken in this Community Service (Independent) activity on Searching Teaching Materials from the Internet for Teachers in Pangkep Regency are:

1. At the time of presenting the material about the flow of analysis of the preparation of teaching materials, the methods used were lectures, discussions and questions and answers.
2. At the time of evaluation and revision of teaching materials, the methods used were lectures, discussions, questions and answers, and practicum.

Evaluation of Community Service (Independent) on Community Service (Independent) on Searching Teaching Materials from the Internet for Teachers is carried out after completion of the training which consists of two types of evaluation, namely: Evaluation of teaching materials is carried out after completing lectures, conducting discussions, and asking questions.

RESULTS AND DISCUSSION
Evaluation and Results Achieved

Evaluation of activities is carried out through direct observation and

assessment of discussion and question and answer activities regarding the utilization of teaching materials carried out by training participants. The evaluation results were measured based on the following indicators:

1. The seriousness and seriousness of the teachers in following the delivery of material by the presenters
2. The number of participants who attended this activity from the results of documentation by the implementation team carried out during the activity 4.
3. At least 80% of teachers have been able to practice searching for teaching materials on the internet.

After conducting direct observations and assessing the results of training related to the utilization of teaching materials that have been carried out by teachers, the results achieved are as follows:

1. The training participants really followed the presentation of the material by the presenter. Participants were active in discussion sessions during material delivery activities and during demonstrations so that the discussion took place well.
2. The number of training participants who attended was 20 people in accordance with the number of productive teachers who teach in the industrial electronics department at SMK Pangkep Regency.
3. More than 80% of teachers have been able to compile printed teaching materials

Figure 1. Photo of activity documentation

Supporting Factors

The lack of competence possessed by teachers in the field of utilizing teaching materials on the internet is a major factor in organizing this training activity. The enthusiasm and enthusiasm of all participants in participating in this activity and the support of the principal of SMK Pangkep Regency.

Inhibiting Factors

The limitations of a slow internet connection make it difficult for participants to obtain examples and browse teaching materials on the internet.

CONCLUSION

After carrying out the Internet Teaching Material Search Training for Teachers in Pangkep Regency, it can be concluded as follows:

a. The participants were very enthusiastic in participating in this activity.

b. After the implementation team conducted observations and evaluations, it was found that more than 80% of the participants had been able to compile teaching materials.

REFERENCES

Adit Trinaldi, Siti EMB, Mefliza A, Febrizka AR, Rustam. (2022). *Analisis Kebutuhan Penggunaan Bahan Ajar Berbasis Teknologi Infomasi*. JURNAL BASICEDU. Volume 6 Nomor 6 Tahun 2022 Halaman 9304 – 9314. Research & Learning in Elementary Education

Cahyani, A., Listiana, I. D., & Larasati, S. P. D. (2020). *Motivasi Belajar Siswa SM pada Pembelajaran Daring di Masa Pandemi Covid-19*. IQ (Ilmu Al-Qur'an): Jurnal Pendidikan Islam, 3(01), 123–140. https://doi.org/10.37542/iq.v3i01.57

Mietha Nella, Dian Novita Fajar sari, & Deffi Haryani. (2023). Pelatihan Komunikasi Pariwisata Berbasis Media Sosial (Instangram) Di Kota Pagar Alam Povinsi Sumatera Selatan. *ENGAGEMENT: Jurnal Pengabdian Masyarakat*, 2(2), 63–71. https://doi.org/10.58355/engagement.v2i2.21

Retyana Wahrini, & Hasbi. (2023). Learning Video Making Training In Pangkep Regency South Sulawesi. *ENGAGEMENT: Jurnal Pengabdian Masyarakat*, 2(2), 55–62. https://doi.org/10.58355/engagement.v2i2.22

Sarwandi, Norenta Sitohang, & Ridwan Syahputra. (2023). Pengembangan Media Pembelajaran Interaktif Pada SDS Alwashliyah 13 Pasar Senen . *ENGAGEMENT: Jurnal Pengabdian Masyarakat*, 2(3), 129–134. https://doi.org/10.58355/engagement.v2i3.36

Sholikhati, N. I., & Astuti, N. (2023). Peningkatan Kualitas Pembelajaran Dengan Media Powtoon. *ENGAGEMENT: Jurnal Pengabdian Masyarakat*, 2(2), 78–84. https://doi.org/10.58355/engagement.v2i2.26

Sugiarti, Resti Septikasari, & Diah Ayu Amanah. (2023). Pendampingan Masyarakat Melalui Kegiatan Pembuatan Webiste dan Profil Desa Rejo Mulya dalam KKN Tematik Universitas Nurul Huda. *ENGAGEMENT: Jurnal Pengabdian Masyarakat*, 2(1), 22–27. https://doi.org/10.58355/engagement.v2i1.16

Sulistyosari, Y. (2018). *Kreativitas Guru Dalam Mengembangkan Bahan Ajar IPS Pada SMP/MTs SeKecamatan Ngadirejo Kabupaten Temanggung*. Harmony, 3(2), 178–189.

Undang-undang Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional. Bandung: Penerbit Fokusmedia.