Training and Assistance Digitization Making Learning Media Use Google Apps for Education (GAFE) for MTs Teachers throughout the District Purwakarta

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Abstract

Activity devotion this aim for giving knowledge, skills, and assistance in making learning media using Google Workspace for Education for MTs teachers throughout the district Purwakarta. Activity devotion done in a manner stare advance live or offline on 7-8 November 2022 at MTs Al Muhajirin Purwakarta. The method used in dedicating this use approach divided service learning Becomes two activities namely synchronous and asynchronous. Synchronous consists of delivery materials and questions answered about Google Apps for Education (GAFE), while asynchronous is in the form of guidance-making digital learning media. Activity devotion started with stages pre activities and planning, stages of implementation activities, stages of follow-up activities assistance, and stages of evaluation. At the stage pre activities and planning, carried out activity agreement with KKMTS and schools partner, then studies introduction and analysis needed to collect literature related to digitization learning and use of learning media. At stages of implementation accompaniment-making learning media, participants were given knowledge about fast-progress technology, important digital learning, and leveraging existing facilities _ provided by google. Participants were given information related to Google Apps for Education (GAFE), and the preparation of learning media, then participants designed, arrange, and deliver learning media drafts. In the follow-up stage, learning media products are made by the participants and then discussed _ with the presenters and team for done assistance and revision. Meanwhile, at the evaluation, the stage did a charging questionnaire related to implementation dedication and assistance. Devotion data was collected by filling out digital learning media assistance surveys and results revision and filling a questionnaire. Participants obtain knowledge about Google Apps for Education (GAFE) and happened enhancement knowledge and skills in preparation for learning media digitally.

Keywords: Digitalized Learning Media, Google Apps for Education (GAFE)

INTRODUCTION

The impact of development technology and information related with Revolution Industry 4.0 in particular in the world of education is utilize technology and integrate technology in the learning process(Tara Mustikaning Palupi, 2022)(Ni Wayan Parwati et al., 2022). Application technology in the learning process no only just make it as tool learning or learning media, but also integrate to in progress up to learning method (Aryani & Fuadaa, 2020). it clear in accordance Permendikbud No. 65 in 2013 which one exposure that utilization technology, information and communication done in the learning process for Upgrade efficiency and effectiveness learning and not only used only limited to learning media just (Tara Mustikaning Palupi, 2022)(Aryani & Fuadaa, 2020). exploit technology in the learning process expected capable make the learning process no limited by time learning end up at school however learning can do with time and place anywhere. This meaning that learning process could done even when time learning formally finished. This also known as learning distance fall down digital (Fauzi Giwangsa et al., 2022)(Ramadhani et al., 2019).

Today 's teacher need Skills in use media or application that has provided on the internet use Upgrade quality learning. Teacher must can utilize maximum possible facilities provided in form various application for education (Ramadhani et al., 2019). This done to use Upgrade quality more learning ok. Availability application or device soft as a learning medium many available from free to various. One learning digitally based implemented by the teacher in the learning process with utilize existing facilities _ provided by the company device soft namely google (Biddinika & Fawait,

2022). Google offers a google Apps for Education (GAFE) application, ie a Free application provided for Educational Institutions with technology information, communication and collaboration. Facility or GAFE products include Gmail, classroom, drive, docs, Slides, forms and Sheets (Novalia et al., 2018) (Tara Mustikaning Palupi, 2022)(Fauzi Giwangsa et al., 2022).

Lower formal education Ministry of Religion started from Madrasah Ibtidaiah, Tsanawiah even Aliyah is something challenges and needs readiness special for the teachers. This because besides teach related religious but the teacher must can offset with utilize technology more and more information growing.

Activity devotion this started of the MoU between Nusantara Islamic University with Group Work of Madrasah Tsanawiah (KKMTs) throughout the District Purwakarta. One form-built cooperation upgrades the quality of teachers in MTs field teaching and education one of them with stage devotion this. devotion this aim for give knowledge, skills, and assistance making learning media use google workspace for education to MTs teachers throughout the district Purwakarta. Participant devotion this are teachers at the Madrasah Tsanawiah level in the District Purwakarta as many as 40 people. Activity devotion this done offline / face to face advance direct ones located at MTs Al Muhajirin Regency Purwakarta.

METHOD

Method used in dedication this use shared service learning approach Becomes two activity namely synchronous and asynchronous (Rahman et al., 2022) . Synchronous consists on delivery materials and questions answer about google workspace for education, while asynchronous is in the form of guidance making digital learning media. Activity devotion:

- started with stages pre activities and planning. At stage pre activities and planning, carried out activity agreement with KKMTS and schools' partner, then done studies introduction and analysis need with collect literature related digitization learning and use of learning media.
- stages implementation activities. At stages implementation done accompaniment making learning media, participants given knowledge about fast progress technology, important digital learning, and leveraging existing facilities provided by google. Participant given information related Google Apps for Education (GAFE) and the preparation of learning media, then participant design, arrange and deliver learning media draft.
- stages of follow-up activities assistance. In the follow-up stage, learning media products are made by the participants then discussed _ to presenters and team for done assistance and revision.
- stages evaluation. Meanwhile at the stages evaluation done charging questionnaire related implementation dedication and assistance.

RESULTS AND DISCUSSION

Activity accompaniment digitization of learning media for MTs teachers throughout the Regency Purwakarta using offline learning media. Activity training started with pre activities and planning, where on Step pre activity team servant do activity agreement Nusantara Islamic University with KKMTs, schools' partners in accordance with the MoU ever mutually agreed. Then on stage planning, service do studies introduction and analysis need with collect literature related digitalization of learning media, meanwhile for support analysis need servant do a survey with distribute related forms digitalization of learning media then charging registration form for implementation devotion accompaniment digitalization of learning media.

Figure 1. MoU signing

After going through pre activities and planning, next that is stages implementation including: (1) participants given knowledge about progress technology, important digital learning, and leveraging existing facilities provided by google.
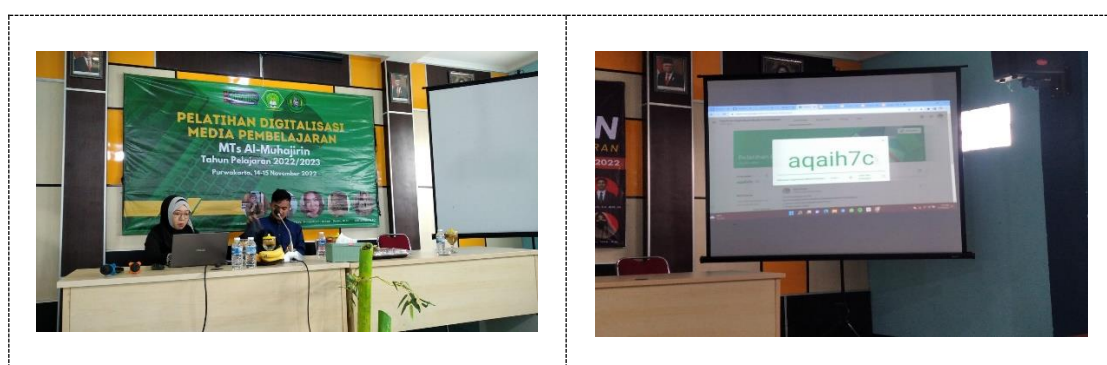

Figure 2. Opening Activity

Figure 3. Delivery material

Stages next (2) Participant given information related to Google Apps for Education (GAFE), and preparation of learning media, then participant design, arrange and deliver learning media draft. In the follow-up stage, learning media products are made by the participants then discussed _ to presenters and team for done assistance and revision.

Figure 4. Photo with presenters together Participant Training

In the follow-up stage, learning media products are made by the participants then discussed to presenters and team for done assistance and revision. Meanwhile at the stages evaluation done charging questionnaire related implementation dedication and assistance. Devotion data collected

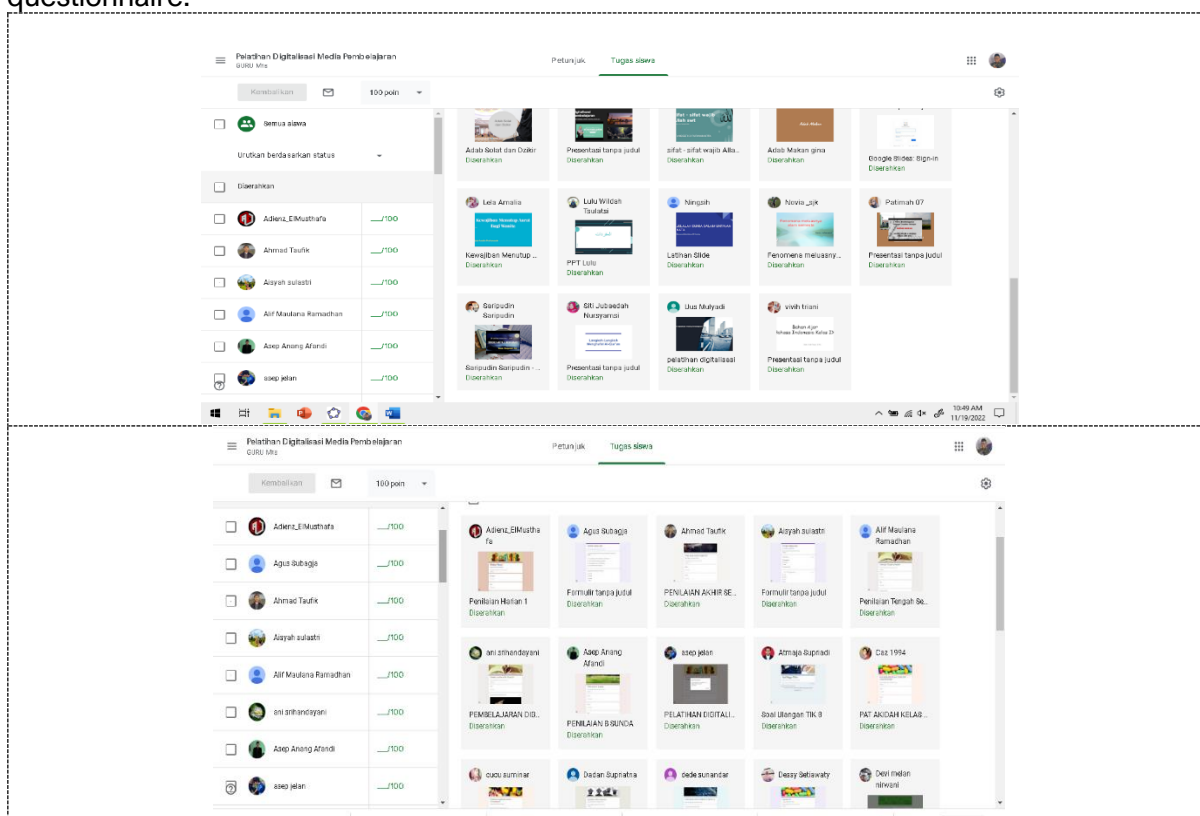through filling out digital learning media assistance surveys and results revision and filling questionnaire.

Figure 5. Products Learning Media Training

Based on results evaluation activity training and accompaniment making digitalization of learning media walk fluent, active, creative and participative and fun. After following activities, participants obtain knowledge about Google Apps for Education (GAFE) and occur enhancement knowledge and skills in preparation of learning media digitally.

Based on results activity training accompaniment digitalization of learning media for MTs teachers throughout the district Purwakarta, constraints / obstacles faced _ including :

- In terms of time relative short so that in implementation accompaniment needed extra for finish in accordance desired plans and targets achieved.
- For activity accompaniment study limited about teaching materials that have been made to students in class not yet done because limitations time.
- from survey and interview results with participant got problem constraint related still lack of knowledge about application ethnomathematics in relevant Google Apps for Education (GAFE). with learning
- participant still not yet used to create learning media with use Google Apps for Education (GAFE), so when socialize and give training related making digitalization of learning media they feel shocked and challenged.
- Achievement results in activity training digitalization of learning media served in the following table:

Sidiq Aulia Rahman[a], Amit Saepul Malik, Machrus Alie, Arum Maslichah, Ike Kurniati, Mahmud Farid, Ikka Kartika Fauzi

Table 1. Activity results training drafting based teaching materials ethno-mathematics

No	Indicator	Before	After	Information
1	Participant knowing about Google Apps for Education (GAFE)	35%	90%	Ride
2	Participant knowing aim learning and benefits digitalization of learning media	30%	85%	Ride
3	Participant knowing appropriate activity _ with learning in preparation of learning media	30%	80%	Ride
4	Participant knowing arrangement and stages in digitalization of learning media	20%	80%	Ride
5	Participant could design and arrange learning media draft digitally	30%	75%	Ride

Based on table 1, could see that on the fifth indicator before done training and mentoring digitalization of learning media participant experience enhancement result. Among them that is participant obtain knowledge about Google Apps for Education (GAFE), participant obtain enhancement knowledge and skills about preparation of learning media digitally.

Based on results such, then obtained plan and act carry on namely : (1) product results of learning media made by participants and already revised will made book chapters with ISBN, (2) product that teaching material then try _ made ingredient study with teachers and teams servant who will done in class and school where the teacher teaches for look effectiveness and response student on learning media digitally, (3) will made accompaniment return drafting article scientific related research usage digitalization of learning media, (4) output end publication study together with related MTs teachers application digitalization of learning media.

CONCLUSIONS AND SUGGESTIONS

Based on results activity training accompaniment digitalization of learning media for MTS teachers throughout the District Purwakarta concluded that:
- participant obtain knowledge about Google Apps for Education (GAFE)
- participant obtain enhancement knowledge and skills in preparation of learning media digitally.

Based on results activity training accompaniment digitalization of learning media recommended that:
- activity next with study in a manner limited or indeed so Becomes knowledge and add external in publication.
- keep going add knowledge in choose context other material.
- activity accompaniment this also organized for no only MTs teachers but next for Madrasah Alyah teachers.

ACKNOWLEDEGMENT

for implementation of the Service Program to the appropriate Community team submission the Proposal of the Service Program to Society. Next namely the District KKMTs Purwakarta and MTs Al Muhajirin Regency Purwakarta which has given opportunity to team implementer of the Service Program to the Community so could implement activity devotion to Public related with Training and Assistance Digitization Making Learning Media use Google Apps for Education (GAFE) for MTs Teachers throughout the District Purwakarta.

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