

INNOVATIVE LEARNING STRATEGIES IN THE DIGITAL ERA

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Abstract

Technology is bringing a change in the learning paradigm through personalization, active engagement, accessibility, and flexibility. Students can learn independently and have more control over their learning process. Rapid feedback from technology enables a better understanding of students' strengths and weaknesses. Technology brings a change in the learning paradigm through personalization, active engagement, accessibility, and flexibility. Students can learn independently and have more control over their learning process. Rapid feedback from technology allows for a better understanding of a student's strengths and weaknesses. The research method in this article is the library method, which combines literature with field facts. The results of the literature study show that the use of technology can significantly influence student motivation through personalization, active involvement, accessibility, fast feedback, collaboration, innovation, choice, control, visual interest, and rewards. Digital era learning models include Flipped Learning, Blended Learning, E-Learning, and other innovative methods. The application of technology in learning has a positive impact, especially if combined with effective and inclusive learning strategies. Teachers must continue to develop their skills in adapting curriculum and learning methods. Innovative learning in the digital era is not only about the use of technology, but also the teacher's ability to create learning experiences that are interesting, interactive and relevant to technological developments.

Keywords: Learning, digital era, innovative

INTRODUCTION

Education is runway for development individuals and society . Along with development of the times, we has entering the digital era that brings change big in various aspect life , including the world of education . Transformation learning in the digital era has become A inevitability For welcoming an increasingly bright future dynamic and complex .

In the middle change dynamics an increasingly diverse society fast and complex , the world of education No can Again ignore influence digital transformation . The digital era opens up opportunity new and defining repeat paradigm learning . Therefore that , article This will discuss learning strategies innovative in the digital era, digging potential technology as catalyst change in the world of education .

The digital era brings change in paradigm learning , introducing various tools and methods that enable personalization learning . In the context of this , article This will to describe How technology education can help create experience more learning interesting , relevant , and can customized with need every student .

Technology information and communication (ICT) has become entity common to all aspect life . For twenty year final the use of ICT has in a way fundamental change practices and procedures from almost all form business in business and government . Education is highly oriented activities social and education quality in a way traditional associated with a strong teacher who has level contact high personality with participant educate . The use of ICT in education suitable For more Lots arrangement student - centered learning . But with the world moving fast to digital media and information , the role of ICT in education become the more important and the importance This will Keep going grow and develop in the 21st century .

The rapid development digital technology has give influence big towards the world of education . There is encouragement strong demands that teachers have “ digital literacy ” and utilize digital technology into activity learning . Utilization digital technology in learning can interpreted as system digital processing that drives learning active , construction knowledge , inquiry , and exploration on self participant educate , and allow For communication distance far and share data that occurs between teachers and/ or participant educate on site class different physical . This is is utilization extended technology from system delivery information merely and also clarifies its role and further use wide in space different classes , all schools , and centers learning others , if learning not enough interesting so will have a big impact from results end learning . A fact in the field show that Still existence students who have not follow as well as participate in a way active during the learning process in progress Because they feel learning impressed Still Not yet to awaken Spirit they For learning . Selection the right method can finish problem the so that education will always experience good improvement (Iriansyah , 2020)

Importance inclusivity in education will also become focus main in research This . Technology integration No only about increase efficiency learning but also ensure that all students , without look at background behind or need special , can feel its benefits . With Thus , the article This will discuss strategies for reach inclusivity in use technology education , so that No There is marginalized students in the learning process .

In context this , learning strategy No Again limited to the method conventional . Technology integration give opportunity For create experience more learning dynamic

, interactive and relevant with need students . However , changes this also brings challenge in develop appropriate learning strategies with development technology , that learning strategies No only just use digital devices , but also the utilization tools innovative capable increase creativity , collaboration , and critical thinking think student.

The importance of learning strategies innovative in the digital era is not only lies in the implementation technology only , but also on the teacher's ability to adapt curriculum and methodology teach . Possible efforts done For increase teacher skills in develop effective learning strategies in the midst of turmoil digital change.

In addition , the aspect inclusivity in learning strategies innovative in an era where access to technology the more widespread , important For ensure that learning strategy can accessible to all students , without look at background behind or need special .

RESEARCH METHODS

Methods used in article This is method library Where merge literature with facts on the ground . In the article literature this is data or materials obtained originate from library in the form of books , journals and so on . Books and other literature are as data sources to be processed and analyzed by researchers . Data sources are obtained with gather source literature For get information and also information that is descriptive in nature theoretical . Data analysis techniques , namely with summarize , present data and provide conclusion .

RESULTS AND DISCUSSION

Based on literature study by researchers do There is a number of findings that can be utilized lecturers / teachers as a learning strategy in the digital era. The influence technology to motivation student can be very significant and can explained through a number of aspect following :

1. Learning Personality

Technology allow personalization learning , where the material can customized with level understanding and style learning of each student . This can increase motivation student Because they feel more involved and relevant with material lesson .

2. Involvement Active

Use technology , such as game education or simulation interactive , can increase involvement students . Involvement active This can increase motivation student Because learning become more interesting and fun .

3. Accessibility and Flexibility :

Technology allow accessibility material lesson from various location and when only . Students can Study in a way independent and make timetable learn more flexible , which can increase motivation Because student can Study in accordance with preferences and needs they .

4. Quick Feedback :

Use technology allow giving feedback come back in a way fast . Students can see results performance they quick after finish task or test , allows they For understand strengths and weaknesses they . This can increase motivation For improve and enhance performance .

5. Collaboration and Interaction :

Technology allow collaboration between students and even between different schools . Collaboration This can create environment learning that supports and can increase motivation student Because they can share ideas, learn from other people, and feel part from community more learning big .

6. Introduction Innovation :

Use technology bring innovation to in the learning process . Students Possible more motivated For Study when they introduced with tools and methods new and interesting learning .

7. Choice and Control :

Technology integration give student more Lots choice in method learn . They can choose platform, source power , or appropriate tools with preference they . Give control to student can increase sense of responsibility answer and motivation intrinsic .

8. Appeal :

Use visual elements , such as videos, graphics , and images interactive , can make material lesson more interesting . Visualization can increase understanding and maintaining interest students , who in turn can increase motivation .

9. Awards and Recognition :

System digital learning is often complemented with feature awards and recognition , such as points or form appreciation others . This can increase motivation student Because they feel recognized and appreciated on effort and achievement they

Digital era learning models moment This own difference compared to with learning models conventional . According to writer that the digital era learning model consists of 3 models: first , teacher/ lecturer give material learning online to participants educate then download and study manually (offline), second , teacher/ lecturer give material learning online and participants educate learn online too, and third , collaboration between ongoing learning between online and offline. Then There are also learning models that are not bound with teachers/ lecturers who provide material learning but can access information learning personally with sources learning online . Moreover moment This is the digital era supported internet network is very possible everyone can Study Alone without directed by teacher/ lecturer in real. Here This is a digital era learning model at the moment This :

1) Flipped Learning Method

Flipped learning method is one of the methods that can implemented in learning online . Online term , the word “flipped” has the root word, “flip”, which has equivalent the meaning of “turn” which can interpreted in Indonesian: “ replace ”. While the word “learning” means activities carried out For get knowledge (Cambridge Dictionary).

Based on the meaning of the word , flipped learning can interpreted as method learning that is done with method carry out learning in a way independent outside class and then to be continued with system learning in a way look at face . Related with development technology moment this , method flipped learning can implemented in a way innovative with utilise diverse device technology and can used by teachers when implementing flipped learning, both meeting look at advance in a way traditional both online and offline.

As for the application from flipped learning method is as following :

- a) Activity implemented online with use Zoom application .
- b) A day before activity implementation , the participants who have do registration will get link meeting .
- c) implementing team is represented by the chairman executor will do presentation related with learning innovative through flipped learning. Information the main thing that was conveyed at the time presentation related with definition , benefits and steps For carry out learning innovative through flipped learning.
- d) Session discussion implemented For give information more Details about learning innovative through flipped learning.
- e) The participants training invited For do test related with information that has been delivered . Test This done For measure level understanding of the participants training after follow session presentations and discussions conducted .
- f) If necessary , the team executor activity will do mentoring in a way individual to teachers who need it more direction clear in implementation learning innovative through flipped learning method . Activities This can done with record activity teaching carried out by teachers and then team executor activity mentoring will give responses and suggestions to activity teaching that has been implemented by teachers (Hadijah & Shalawati , 2019).

2) Blended Learning Method

Blended learning in general Language originate from Language English , which consists of from the two words blended and learning which means mixture or fusion . While learning means learn or knowledge or learning . Blended learning is A method learning innovative where can blend We in the learning process look at advance or online. In the implementation can use application such as WhatsApp, Zoom and Google

Meet. In the online learning process , there are no can denied There is just impact negative from use of mobile phones, so that with use blended learning method can minimize from impact negative the that is participant educate more Lots use his cellphone For related matters in learning . Online learning , the implementation of which blend various method learning can to make participant educate For more creative in follow the learning process . In the method learning This No can We equalize with method learning others Because method learning This served with form learning mixture Where participant educate trained For can Study in a way independent . Usage This Blended Learning method can help participant educate For enthusiastic in Study as well as practice participant educate For more think critical . Learning with blended learning methods in particular are implemented online can stimulate participant educate For Lots ask during the learning process ongoing , so that can to increase student knowledge Because with so participant will in the form of think and be able to clear answer to questions that are raised . Implementation learning like This will to increase activity participant educate Because learning impressive meaningful . The blended learning method is implemented online more student - centered . This can bring up not quite enough answer participant educate follow learning . Implementation blended learning can more focus participant educate so that increase results Study . This method capable give audio-visual stimulation to participants educate so that capable bring up Power imagination about a the material presented , (Solikah , 2022). The Blended Learning method is also A a better way make it easier a educator in implementation learning Because can blend various matter like delivery learning , the learning model used and others . The blended learning method can to guide participant educate For develop in accordance with demands of the times. Blended learning also provides chance for educator For creative Again in serve material learning , while at the time class look at advance participant educate can practice his ability in communicate with good and also can help him For active in the learning process like moment discussion participant educate trained in two things that is capable appreciate other people's opinions and can add outlook participant educate .

So, in using the blended learning method in learning own Lots benefit like can improve the control process on participants educate , reduce problems that sometimes occur happened in class or room lectures , and can increase creativity participant educate , (Endah Wulantina , 2019)

E-Learning Learning Methods

Education is place for participant educate For recognize and develop potential they , through education participant educate Study look for accumulated knowledge riches intellectual . Participants education that provides self with intelligence is also a must sensitive and capable face problem social around they . That means participant educate must sensitive and capable face obstacles that occur during online learning through method this e-learning learning . E-learning is method new creative that can

used in the learning process . E-learning learning is base use from technology and communication . Participant e-learning methods educate No must Keep going stay in class For to listen learning and teachers do not must Keep going become source main from learning .

E-learning is form method learning in nature push participant educate more active in learning compared to teachers . System learning e-learning can increase motivation Study participant education and learning more impressed to win matter said , can support results learn more good . Development technology that is not can controlled demand teachers to Keep going creative in serve material teaching materials , which is essentially e- learning be one of solution best for teachers regarding the learning process that demands rapid development .

E-learning emphasizes For use a number of means technology that can make learning can walk with effective and efficient . So in the implementation of e-learning teachers must still use various device like computer or device electronic others , (Iqbal, 2018). The e-learning method is also learning that really makes use of technological media that can make it easier participant educate For easy get knowledge from various existing sources . Adaptation use method learning through e-learning in facing the digital era This expected still Can teach planting value . Moreover to planting moral values and ethics even though learning that is done mostly online but teachers have to still notice moral values or morals to participant educate . Moreover Now development such a technology fast , without existence assessment more to aspect the so can produce participant students who have poor morals okay . It should be matter This become a things to include in the process of assessment participant educate in the learning process , (Nuryatin , 2020).

3) Innovative Learning Methods

Education in the current era This demanding teachers and parents For always give innovation in the process of guidance and teaching . Teachers and parents in essence must own duties and authorities For cooperate in education participant educate , teacher on duty make an effort For How a student capable own intelligence , good behavior and skills whereas parent his job moreover How from small to form good education especially in education morals so that participant educate can develop with good and capable develop potential himself in a way more comprehensive . Work The same the very much important because parents and teachers are a every educator and mentor the day face to face direct with participant educate . Education has experience shift start from system learning , concept until method learning used educator .

So that need existence teacher creativity in adapt with development increasingly advanced technology rapidly . In addition to educators guided For must follow development globalization , a teacher is also required can serve teaching materials through a number of technology and teachers must persistent do update related information with development technology moment this . Where is technology? This No

only used For to communicate with easy towards people who are far away but technology This would be very helpful make it easier get source learn more wide . Therefore that , challenge a teacher is must capable utilize and use technology as good as maybe For support development participant educate become more good and bad left behind by the times fast .

A teacher in the era of globalization This No may close self to development the but teachers need make opportunity the For need creative in using digital in delivery material learning , as it used to be only use book print For teach Now using PPT media or more pawor points interesting interest Study participant educate . Use technology No only effective in activity teach , but also can make it easier for participants educate in communicate with the teacher.

Participant educate moment this is very fast learn technology , they capable operate various device For support his activities to balance self with development pattern activity active child use technology , teachers must Keep going learn and understand technology in nature dynamic . Creative ideas that emerge from a teacher is really needed For give changes in the learning process become more pull and push Spirit participant educate . In this digital era , This demands teachers need use method learning with utilise technology and the internet because in general generation easy Now more like up-to-date things .

Learning methods is tactics used by a person educator For transfer knowledge to participant education . supported by the plan implementation learning (RPP), syllabus etc. Using various method in learning so will make it easier participant educate understand the material taught and the learning process can walk in a way effective and efficient . Using method educator must more capable combine with strategy and good variation for implementation method the can reach objective in a way maximum . Implementation method with effective so will give impact positive to participant educate such as , participants the former student passive Now start active in follow learning and participants capable understand the material taught by the teacher to participant educate , (Nuryatin , 2020).

A teacher is sued use method proper learning Where methods applied educator That capable method involving all over elements in children educate so that each has their own potential and abilities develop in accordance with style study it yourself . Participation participant educate very much important in the learning process Because with participation participant educate capable make atmosphere class more impressed fun and participants educate in a way direct enthusiastic follow learning . thing this , becomes very important indicator , activity This should no only in the form of train mentally, intellectually participant educate still especially involving intellectual-emotional . For example from mental involvement such as listen teacher delivery , participate discuss , do observation , solving problems and so on .

Whereas involvement emotional can to form appreciation to feelings , values , attitudes, reinforcement motivation and so on in builder realm affective participant educate . Innovative learning can make learning more impressed fun that can make participant educate No feel saturation-saturation learning . Fun learning must be supported by security environment , so that can give impact positive . One of the business For create good learning with use method fun learning . Like with giving gift for participant educate who does not Once make error , the aim is for participants educate feel like Because get appreciation by a educators . So that something to be achieved after learning can accomplished . Learning process done by the teacher to educate and help student in learn something . Like build atmosphere comfortable learning For bring up interest Study participant educate .

Innovative learning is an interesting idea that is considered new by someone , where ideas the can give contribution for teachers in the learning process . Innovative learning is also a demanding learning participant educate active For participate analyze problem at a time capable finish problem with Work The same with fellow participant educate . In the implementation method learning innovative material to be taught or delivered by the teacher only bullet points importance only and participants educate is a must skilled develop the material that has been provided .

Innovation also implies knowledge about things new . Therefore that , learning innovative can it is said as learning designed by educators For make the initial learning impressed normal only and less interesting attention participant educate become more learning interesting and training participant educate think critical as well as make participant educate skilled finish the problem being faced in follow the learning process . The teacher's learning process remains be one of source Study but No in a way intact Because participant educate with easy get various source Study from various source like google , book print etc. Tasks a educator control learning to run in a way effective , (Nurhidayati , 2015).

CONCLUSION

Based on the results and discussion above so can be concluded that with existence method learning innovative can stimulate participant educate For follow active and participating in the learning process . So that can increase quality more education good . The digital era demands the need creativity a teacher like use various method innovative so that its role No normal replaced by increasing technology develop rapid . Some method learning that can used in support learning innovative , blended learning and e-learning

BIBLIOGRAPHY

Endah Wulantina , SM (2019). Perception Students ' Attitude towards the Blended Learning Method with Google Classroom. *Journal Innovation Mathematics* , 1(2). <https://doi.org/10.35438/inomatika.v1i2.156>

Ilham, I. (2020). ISLAMIC EDUCATION IN MADRASAH: A Study of Educational Problems and Solutions

Fathurrohman , M. (2017). Modern learning and teaching : Concepts basics , innovation and theory learning . Garudhawaca

Iqbal, J. (2018). E-Learning Method Using Technology Acceptance Modeling (TAM) for Accounting Learning . *InFest* , 14(2), 116–125.

Iriansyah , HS (2020). Building Teacher Creativity With Learning Innovation during the Covid-19 Pandemic . *Proceedings of the National Seminar on Education STKIP Kusuma Negara III*, 1– 6. Komalasari , K. (2017).

Contextual learning : Concepts and applications . Mangesa , RT, & Mappedasse , MY (2017). Class e-learning platform method For learning at school intermediate vocational . *MEKOM Journal (Vocational Education Communication Media)*

Solikhah , SN (2022). The Use of Blended Learning Methods in Nursing Skill Lab Learning to Improve Cognitive and Psychomotor . *Kusuma Husada Health Journal*

Widiara , IK (2018). Blended learning as alternative learning in the digital era. *Purwadita : Journal of Religion and Culture* , 2

Yulita , H. (2017). Factors that influence effectiveness and motivation student in use method e- learning . *Business Management Journal*,