



## MEASURING THE STUDENTS' LEARNING ACHIEVEMENT AT THE HEALTH AND RECREATION PHYSICAL EDUCATION STUDY PROGRAM DURING ONLINE LEARNING

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### MENGUKUR PRESTASI BELAJAR SISWA PADA PROGRAM STUDI PENDIDIKAN FISIK KESEHATAN DAN REKREASI SELAMA PEMBELAJARAN ONLINE

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#### ABSTRACT

**Abstract:** This research was evaluation research aiming to determine the students' learning achievement during the online learning period. The research subjects were the 5th-semester students of the SB Banten PJKR Study Program. The evaluation method used in this research was CIPP (Context, Input, Process, Product) evaluation. The study results indicated that the learning activities used a blended learning model, which combined online learning activities for the theory and face-to-face (offline) learning for practical activities. Judging from the condition of the campus, it had adequate facilities. The infrastructure or the media for the learning process was quite complete. Then, the institution had comfortable classrooms, multipurpose fields, and adequate equipment. The curriculum followed the KKNL. However, the activities were not optimal due to the pandemic conditions that limited the number of students in each meeting. Only 50% of the total students were in one class. At the same time, the evaluation or assessment was carried out through practical activities following the subjects taught.

**Keywords:** program evaluation, learning achievement, CIPP

**Abstrak:** Penelitian ini merupakan penelitian evaluasi yang bertujuan untuk mengetahui prestasi belajar siswa selama pembelajaran online. Subjek penelitian ini adalah mahasiswa semester 5 Program Studi PJKR SB Banten. Metode evaluasi yang digunakan dalam penelitian ini adalah evaluasi CIPP (Context, Input, Process, Product). Hasil penelitian menunjukkan bahwa kegiatan pembelajaran menggunakan model blended learning yang memadukan antara kegiatan pembelajaran online untuk teori dan pembelajaran tatap muka (offline) untuk kegiatan praktik. Dilihat dari kondisi kampusnya, fasilitasnya cukup memadai. Sarana prasarana atau media untuk proses pembelajaran cukup lengkap. Kemudian, lembaga tersebut memiliki ruang kelas yang nyaman, lapangan serbaguna, dan peralatan yang memadai. Kurikulumnya mengikuti KKNL. Namun kegiatan tersebut belum maksimal karena kondisi pandemi yang membatasi jumlah siswa dalam setiap pertemuan. Hanya 50% dari total siswa berada di satu kelas. Sedangkan evaluasi atau penilaian dilakukan melalui kegiatan praktikum mengikuti mata pelajaran yang diajarkan.

**Kata Kunci:** evaluasi program, prestasi belajar, CIPP

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## **INTRODUCTION**

Indonesia is one of the countries infected with the Covid-19 pandemic. So that government apply policy namely Work From Home (WFH). Policy this is applied effort to the community so that they can complete all work at home (Siahaan, 2020) .

With existence restrictions interaction, the Ministry of Education in Indonesia also issued a policy that is with dismiss school and change the process Activities Learn Teaching (KBM) with use system in network (online). With use system learning online, sometimes it appears various problems faced by students and lecturers, especially related learning with practice that doesn't allow for done online or online .

Stay at home (stay at home) and Work From Home (work from home) and E-Learning are one of the methods used in the learning process for students in accordance with the government's program to break the chain of the covid-19 pandemic (Dewi, 2020) . However, this is considered less effective for students' understanding in learning, let alone practical learning. As is the case in the Health and Recreation Physical Education study program which incidentally is practical learning.

Health and Recreation Physical Education Study Program is one of the study programs that is engaged in sports, where learning is more practical than theory. Study this will be highlighted special on learning practice compared theory, how method designing learning done by practice during a pandemic through CIPP method .

A number of research using \_ same method of them is (Redy & Jaya, Partus. Ndeot, 2018) stated that in the four components of the CIPP evaluation there were several key questions, namely "what is needed?"; "What to do?"; "Is the program implemented?"; and "what is the success rate of the program?". Starting from these main questions, the CIPP model can be applied to evaluate the HI ECD service program from

the Context, Input, Process, and Product aspects.

Meanwhile, the results of research conducted by (Supriyantoko et al., 2020) show that the evaluation of the implementation of the Teaching Factory policy program at the DKI Jakarta State Vocational School with the CIPP model obtains criteria that are very in accordance with the average percentage of 89% and needs to be adjusted in several schools such as teachers. have the appropriate ability in their field in running the Teaching Factory, the organizational structure of the Teaching Factory which was inaugurated with ratification documents and products that can compete with the industrial world. So that the learning objectives can run so as to foster an entrepreneurial spirit in students in addition to preparing them to become workers and continue their studies.

Based on problem the researcher interested for do study with lift title *Measuring The Learning Achievement Of The Health And Recreation Physical Education Study Program During Online Learning through CIPP method ( Context, Input, Process and Product )* .

## **DISCUSSION**

Learning outcomes are an expression of goals for education, which is a statement about what is expected to be known, understood, and can be done by students after completing a period of learning. Learning outcomes can be also interpreted as abilities acquired through internalization knowledge, attitude, skills, competencies, and accumulated work experience (Kemenristekdikti, 2015) .

According to Butcher (2006), "aims" is a broad and general expression of educational goals, which provides information to students about the objectives of a lesson, program or module and is generally written for teachers not for students. On the other hand, learning outcomes are more focused on what students are expected to do during or at the end of a learning process. Meanwhile,

"objectives" cover learning and teaching, and are often used in the assessment process. Besides that we need Competence, where competence is a form of learning achievement, is more limited. Achievement is usually stated as competent or incompetent, passed or not passed, and not in the form of a rating (grade).

Achievements learning could be achieved in various levels, even with various methods, and results could be measured with various either ways, not only with observation straight away. Other forms of achievements learning is "behavioral objectives", where achievement could be observed straight away.

Achievements learning (CPL) shows progress illustrated learning by vertical from one level to another level as well documented in something framework qualification. Achievements learning should be accompanied with criteria proper assessment that can be used to evaluate that results expected learning has been achieved. Achievements learning, together with criteria assessment, can determine conditions for gift credit (Butcher and Highton, 2006). Credit accumulation and transfer could be done if there is achievements clear learning for show by appropriate on credit granted (Gonzalez and Wagenaar, 2005). This thing identifies achievements learning as purpose measurable learning. In the world of education, evaluation is always linked with achievement of student learning outcomes. Although in essence it is broader than just student achievement.

Educational program evaluation is a systematic study designed, carried out, and reported to help clients decide and/or increase the worth and/or benefits of educational programs. There are many program evaluation models used by experts. One evaluation model that is widely used in education is the CIPP (Context – input – process – product) model developed by Stufflebeam.

The CIPP model looks at four dimensions, namely the Context dimension, the Input dimension, the Process dimension and the Product dimension. The uniqueness of

this model is that each type of evaluation is related to the decision-making device (decision) concerning the planning and operation of a program.

Evaluation Is A Program, Paulson defines program evaluation as a process to examine a program against certain value standards with the aim of making the right decisions. In other words, program evaluation contains testing activities against facts or facts to obtain decision-making materials (Rina Febriana, 2019). Program evaluation is also an activity to determine the level of success or achievement of the goals of a program which is given as an activity carried out based on planning and appropriate data collection activities as material for decision makers to determine the follow-up of the program (Mahmudi, 2011).

Program evaluation is the first step in supervision, namely collecting the right data so that it can be continued with the provision of proper guidance. Program evaluation is very important and useful especially for decision makers. The reason is that it is with the input of the results of the program evaluation that the decision makers will determine the follow-up to the program that is being or has been implemented. Program evaluation is a process of identifying, clarifying, and applying strong criteria to determine the value of the program being evaluated (worthiness or benefit) based on these criteria. The results of determining the worth or benefits of the program by one evaluator and by an evaluator others may differ because they fail to identify and clarify the tools (criteria) to determine the worth or benefits of the program. This definition emphasizes the use of strong criteria.

Utilization system online learning is one of the possible efforts done to overcome problems and make it easier for students to access Theory study, mutual communication and discussion online, as well as get tutorial sharing assistance by lecturers available on the system media online learning (Riyanda et al., 2020).

Study program policy from House for prevent Covid-19 transmission. Home study

program has implemented by the Ministry of Cultural Education Republic of Indonesia announced through letter Minister of Education & Culture Circular Number 36962/MPK.A/HK/2020 (Talango et al., 2021) . That thing be born culture new again learning done stare face (offline), being online or online having an impact to many thing, one of them is a learning system. Regulation for e-learning when this is also discussed by the government, as revealed by the Minister of Research, Technology, and Higher Education Muhammad Nasir said "regulation" organizing e-learning or studying online in time near will published government.

For switch from the learning model stare advance or meet by direct, then changed be online (online). Condition in the field show that the learning model in the SB College PJKR Study Program in Banten uses blended learning, what? is it blended learning? The Blended Learning Model is combined superiority learning done by face-to-face and virtually . That thing similar with the learning program implemented at the SB College of PJKR Study Programs that uses the Blended Learning model in the learning . This thing because the PJKR study program is more many eye studying practicum, and for effectiveness in study, then done activity study offline or stare face .

Eye course-eye studying the on done offline (practice immediately). because of that researcher try for do study through CIPP approach in measure achievements study study program pjkr in the online learning period. Researcher using the CIPP evaluation model because this CIPP evaluation model done by whole as something system.

The evaluation model developed by Daniel Stufflebeam's share the evaluation process to in 4 indicators that is Context, Input, Process and Product. CIPP is an evaluation model that uses a management - oriented evaluation approach or called as shape evaluation program management (evaluation in program management). The CIPP model rests on the view that purpose most important from program evaluation is

not prove (to prove), but improve (to improve). Therefore , this model is also categorized in approach evaluation - oriented program improvement (improvement - oriented evaluation), or shape evaluation evaluation for development ( Purnomo et al., 2020) .

Evaluation with CIPP method aims for help taker decision in something organization or agency . this model looked at in accordance for measure achievements study PJKR Study Program in the online learning period Due to the conditions in the PJKR Study Program evaluation to activity learning carried out need treatment special and answer will needs student through CIPP method . CIPP method according to Writer in accordance with 2 goals study this that is get description of the activity process learning and measurement related with achievement learn during online learning .

### **Method**

Method research used in research this is study evaluation with approach qualitative descriptive. Approach this used for analyze data that is qualitative obtained through interview technique, study documentation and observation.

### **Research type**

Study evaluation done with use standards and the people involved in something evaluated activities. Result of study evaluation will could used as ingredient consideration for Upgrade quality formulation, implementation and results from something projects, policies and programs. interviews, microteaching and retrieval decision (Purnomo et al., 2020) .

### **Data Source**

Data in study this obtained through two data sources, namely primary data and secondary data. Primary Data in study this are interview data with the head of the Study Program, PJKR lecturers and 5th semester students, who are participating parties as well as in the learning process. From interview

with key informants this researcher obtain data regarding achievements learning at the moment online learning. interview and take decision. And what improvements? only need done for every activity the according to opinion each key informant.

Secondary Data in study this use are primary data and secondary data . relate with program achievements learn during the online learning period. From documents this researcher get description about situation and condition campus written on the background behind research and in profile institution.

### **Data Collection Techniques**

Data collection techniques in study this use observation, interview, study documentation, and interviews deep. Study this use interview structured and closed, where interview done with method no straight away. Informants/ respondents requested fill in answer on the question already provided.

### **Data analysis**

Data analysis performed with steps as following : Data triangulation ( triangulation technique and triangulation source ), data reduction and categorization , condition data display campus, facilities and infrastructure or the media used in learning, condition student, suitability activity study with curriculum, whether allow activity practice could done during a pandemic, how? achievements learning during online learning, and learning models what is applied in the PT SB PJKR Study Program during the online learning period.

### **RESULTS AND DISCUSSION**

Based on results observation related with condition data display campus , facilities and infrastructure or the media used in learning , SB Banten College has adequate, have adequate facilities and infrastructure complete. Among them is have a presentative building, field everything To use as well as tools suitable sport with eye college. Whereas curriculum used in universities the refers to the curriculum based on the IQF, such as Case his in Elucidation of Law No: 20 of 2003 concerning The National Education System, Article 35 paragraph 1, states that competence graduate of is qualification ability graduates covering attitudes, knowledge, and skills in accordance with standard national which has agreed . Whereas in Regulation Government Republic of Indonesia Number 19 of 2005 concerning National Education Standards, article 1 paragraph 4, standards competence graduate of is qualification ability graduates covering attitudes, knowledge, and skills . As has described above, understanding competence in education formal it seems more appropriate disclosed in shape achievements learning. Reason the underlying is results learning no formal education solely meant for fulfil standard competencies required on the spot work , will but more large again for produce Indonesian people who are spiritually intelligent, intelligent emotional, intelligent social, smart intellectual and intelligent kinesthetic, as disclosed in vision education stated national in Plan National Education Strategy 2010-2025 (Kemenristekdikti, 2015) . Following is the curriculum of the SB Banten Higher Education PJKR Study Program which refers to the KKNI:

Dokumen  
 Penyusunan Dan Pengembangan Kurikulum  
 Prodi PJKR

| Profil Lulusan   | Capaian Pembelajaran (Learning Outcome)  | Karakteristik Kurikulum Prodi   |
|--|--|---|
| Calon Pendidik Profesi dan Calon Guru Pendidikan Jasmani Kesehatan dan Rekreasi, <i>Sports/Recreation Event Organizer, Sport Personnel, Trainer, Sport Aerobic, Instructors, Manager, Sports Centre, Pembina dan Pelatih Cabang Olahraga</i> | Learning outcomes lulusan Program Studi Pendidikan Jasmani Kesehatan dan Rekreasi diuraikan oleh profil yang telah ditetapkan. Mengacu pada Peraturan Menteri Pendidikan dan Kebudayaan RI nomor 73 tahun 2013 tentang KKM dan nomor 49 tahun 2014 tentang Standar Nasional Pendidikan (SNP) | Kurikulum 2013 Program studi Pendidikan Jasmani Kesehatan dan Rekreasi dapat diuraikan melalui jalur Tiga Akrif Skripsi. Kurikulum Program studi Pendidikan Jasmani Kesehatan dan Rekreasi mengacu pada Peraturan Menteri Pendidikan dan Kebudayaan RI nomor 73 tahun 2013 tentang KKM dan nomor 49 tahun 2014 tentang Standar Nasional Pendidikan Tinggi. serta peraturan perundangan yang berlaku di Indonesia PT SB Banten |

**Fig 1. Source : Document PJKR Study Program curriculum of PT SB Banten.**

Next is for look suitability activity study with curriculum, and how achievements learn during the online learning period, we will look based on results observation and interview with a number of lecturer PJKR Study Program lecturer.

Based on h result study achievements The study of the SB Banten Higher Education PJKR Study Program is carried out interview to Head of Study Program and several PJKR lecturers who each teach a number of eye studying good theory nor practice. Data obtained through given interview a number of question related with four aspects (CIPP) namely reviewed from aspect *contec, input,*

*process and product .*

Following is results interview with Mrs. Ade Tuti Lestari, S.Or , M.Pd.,AIFO as PJKR lecturer \_ studying Softball Learning . Explain that learning done with how to blended learning, where learning done with combine Among online and offline learning. That thing done in accordance with letter circular government announced through letter Minister of Education & Culture Circular Number 36962/MPK.A/HK/2020 (Talango et al., 2021) . Whereas learning practice done offline, that too is done only 50% of the total students in one class, that is distinguished based on class hours .

Ferni Wawancara

Measuring Learning Achievement Of Online Learning  
 PJKR Study Program

Nama Koresponden : Ade Tuti Lestari, S.Or, M.Pd., AIFO  
 Dosen MK : Pembelajaran Softball

| ASPEK YANG DIAMATI (CIPP)  |  |  |  |
|--|--|--|--|
| CONTEX   | INPUT  | PROCESS  | PRODUCT  |
| Dengan monevnya pembelajaran softball ke dalam kurikulum pembelajaran saat ini, menggunakan guru/calon guru, memahami karakteristik dan teknik dasar dari permainan softball yang sebenarnya kurang efektif di masyarakat. | Pembelajaran dilakukan dengan tetap media, materi didapatkan dari dosen dan video pembelajaran di youtube. | Mengajarkan mahasiswa dari karakteristik permainan, sarana dan prasarana, dan Teknik dasar. Strategi bermain, strategi/perawatan, hingga analisis gerak yang dimasukkan ke dalam materi perkuliahan dalam satu semester. | Mahasiswa dapat memahami Teknik dasar, analisis gerak dan sebenarnya efektif? Gendak, soving dan perawatan serta strategi dalam game yang mereka bisa kembangkan, guna memberikan pembelajaran di sekolah. |

**Fig 2. Source : results interview with one lecturer of PJKR Study Program at PT SB Banten**

**Context Component**

Mrs. Ade tuti state that with entry softball learning in curriculum learning moment This requires teachers / prospective teachers to understand characteristics and techniques base from a softball game that

incidentally not enough widespread in society . Based on results interview with a number of PJKR lecturer from a number of eye studying good theory nor practice, *online* nor *offline*, get concluded that inner context component study evaluation own three indicator and

obtained results study as following . indicator system program goals online learning login category good. Second, indicators needs to implementation system online learning environment PT SB Banten categorized enough good . Third , indicators environment implementation system online learning in the PT SB Banten environment is still category good. From indicator on could concluded that implementation system online learning within PT SB Banten is classified as fine, however still there is a number of must note repaired for got more results good .

### **Input Component**

Based on results observation and interview with a number of PJKR lecturer at PT SB Banten stated that Learning done with stare face, Part material obtained from lecturers and sources study from other media such as books, internet, including match videos on youtube . Component input in study evaluation this own four indicator and obtained results study as following. First, indicators educator with sub indicators background behind education educators and competencies educator including very good category, because almost 70% of lecturers qualified S3 and appropriate the field involved.

### **Process Components**

Inner process components study evaluation this has five indicators and obtained results study as following. First, indicators of the learning process with sub-indicators of the implementation process system online and offline learning categorized good. This means that the learning process carried out walk with good. Second, indicators activity educator with category good. That is , activities student During apply system online learning . too already walk with good. That thing seen from response positive from student about activity educator on activity learning. One activity lecturer in teach student from characteristics games, facilities and infrastructure, and basic techniques. Play strategy, scorer / refereeing, up to analysis entered motion to in Theory study in one semester so learning more arranged by neat.

### **Product Component**

Inner product components study evaluation this own two indicator and obtained indicator results with category good . This thing show that achievement study students who follow the system program online learning already good. It means student has capable understand purpose from implementation system online and offline learning. That thing could seen from results study student showing good performance. Student could understand basic techniques , analysis motion and should be , effective Movement, scoring and refereeing as well as their in - game strategy can develop , use give learning at school.

### **Recommendation**

Have a standard in the form of Guidebook about basic techniques and analysis motion as well as strategies in development learning that can support success study student as candidate educators, as well as cooperate with agency related.

### **Conclusion**

Based on study about program evaluation Measuring Achievement Learn Online Learning of the PJKR Study Program can taken conclusion that success *blended learning* depends from a number of factor as ability participant educate in using IT, goals learning, means infrastructure and so on. Because that so need did system program evaluation Online and offline learning within PT SB Banten for knowing success as well as problems or obstacles faced in application system online learning.

### **Bibliography**

- Dewi, W. A. (2020). The Impact of Covid-19 on the Implementation of Online Learning in Elementary Schools. *Educational: Journal of Educational Sciences* , 58 , 8.
- Kemenristekdikti. (2015). Learning Outcomes Paradigm. *Directorate General of Learning and Student Affairs, Ministry of Research, Technology and*



- Higher Education of the Republic of Indonesia* , 1–10.
- Mahmudi, I. (2011). CIPP. An Educational Program Evaluation Model". *At* , 6 (1), 23.
- Purnomo, YHP, Santoso, TB, & Santoso, TB (2020). Evaluation of the Selection Program at the "XM" School With the CIPP Evaluation Method. *Jemap* , 3 (2), 226. <https://doi.org/10.24167/jemap.v3i2.2755>
- Redy, P., & Jaya, Partus. Ndeot, F. (2018). Evaluating the Integrative Holistic Early Childhood Service Program. *PERNIK PAUD Journal* , 1 (1), 10–25.
- Rina Febriana. (2019). Learning Evaluation. *Textbook* .
- Riyanda, AR, Herlina, K., & Wicaksono, BA (2020). Evaluation of the Implementation of the Online Learning System of the Faculty of Teacher Training and Education, University of Lampung. *Journal of IKRA-ITH Humanities* , 4 (1), 66–71.
- <https://journals.upi-yai.ac.id/index.php/ikraith-humaniora/article/view/669>
- Siahaan, M. (2020). The impact of the Covid-19 pandemic on the world of education. *The Impact of the Covid-19 Pandemic on the World of Education* , 20 (2).
- Supriyantoko, I., Jaya, A., Kurnia, V., & Habiba, PGS (2020). Evaluation of Teaching Factory Policy Implementation with CIPP Evaluation Model at SMK Negeri DKI Jakarta. *Journal of Vocational and Technical Education (JVTE)* , 2 (2), 1–10.
- Talango, SR, Nuryati, & Muthmainnah. (2021). Analyze Children's Scientific Literacy Skills in Relation to Covid-19 Through Story Telling Method. 3 , 268–276. <https://ummaspul.ejournal.id/Edupsycouns/issue/view/48>