

ORIGINAL RESEARCH

Evaluation of volleyball achievement development program at the Riau Indonesia province student education and training center

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Abstract

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This study was used to evaluate the coaching program at Student Education and Training Center, Riau Province in volleyball using the CIPP model (Context, Input, Process, Product) using indicators which include: (1) Program Background, (2) Development Program Objectives, (3) Coaching Program, (4) Trainers, (5) Athletes, (6) Parents, (7) Budget Sources, (8) Facilities and Infrastructure, (9) Coaching Process, (10) Monitoring, (11) Achievements. This research uses the mix method. The subjects in this study were Volleyball PPLP Riau Province Branch. 2 Managers, 2 Coaches and 14 Athletes. Data collection was carried out using questionnaires, interviews, and documentation. The results of the evaluation of the context evaluation were concluded in the sufficient category with the context based on the management getting a percentage of 100% and based on the trainers the category was sufficient 50% and less than 50%. The results of the input evaluation are in the sufficient category with a percentage of 50% and in the less category with a percentage of 50% based on management, the evaluation of input based on trainers is in the sufficient category with a percentage of 50%. and poor category with a percentage of 50%, input evaluation based on athletes 7.1% good category, 71.4% in the sufficient category and 21.4% in the less category, input assessment based on parents in the sufficient category with a percentage of 100%, input evaluation based on budget sources in the adequate category with a percentage of 100%, and input evaluation based on facilities and infrastructure in the sufficient category with a percentage of 100%. The results of the process evaluation were concluded in the sufficient category with a percentage of 100% based on the coaching program and process evaluation based on the implementation of the coaching program in the sufficient category with a percentage of 50% and the less category with a percentage of 50%. The results of the product evaluation were concluded in the very good category with a percentage of 67% and 33% in the very bad category based on achievement.

Keywords. Student, training center, volleyball.

Introduction

Achievement is a target that will be achieved by all athletes in a sport, especially in achievement sports. Ulfah (2019) said that in supporting the achievement of the achievement targets to be achieved, of course there are several factors that underlie an achievement, for example through the coaching and development of the sport itself. Achievement coaching is one of the

activities carried out to improve and obtain good results. The sports development system cannot be carried out in an instant way, especially with careless management (Azizah et al., 2022). Sharly & Alnedral (2022) said that the West Sumatra Rock Climbing athlete achievement development program should strengthen the vision and mission of the management, because brilliant achievements start from visions and missions that have been designed beforehand, and

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work together in implementation to achieve a coaching program.

Coaching programs cannot be carried out with just one person, usually sports coaching programs are carried out in a group of people or organizations. The implementation of coaching includes an organization, training programs, funding, facilities and infrastructure (Adzalika et al., 2019). Good coaching will be a determinant of a sports coaching itself so that it is able to achieve the goals of sports coaching. Both lay people and society in general as well as students cannot be separated by sports coaching itself (Zulva & Raharjo, 2022). Rahmawati et al. (2022) explained that achieving a sporting performance is based on structured, analytical and planned sports coaching, namely having a close relationship with human resources, infrastructure facilities, and existing guidance programs.

There are several important components in carrying out a coaching program, including organization, goals, athletes, facilities and advice, management, funding and evaluation. The coaching process is carried out systematically, regularly, planned and continuously, of course it is necessary to carry out an evaluation because a field of work can be done well or badly if an evaluation has been carried out (Satria et al., 2012). Evaluation is an activity unit that has the goal of gathering information or data about the realization of sustainable policy implementation in an organization that involves several groups of individuals in decision-making (Ananda & Rafida, 2017). Evaluation must be carried out comprehensively in order to achieve results that can make it the basis for determining the quality of a program, therefore evaluation can be carried out as a whole to assess the elements that support the formation of a program (Pamungkas et al., 2022).

Talking about achievement, achievement development and the need to evaluate achievement development needs to be carried out at the level of achievement development at the Student Education and Training Center (PPLP). Students are the right human resource to make the target of finding seeds or forerunners for the birth of athletes who excel in the future because they are at a very productive age (Salabi & Hasanuddin, 2019). Bobby et al. (2022) revealed that the development and coaching of sports is a shared responsibility starting from the center to the regions through the existing parent organization in order to achieve maximum performance starting from PPLP.

The achievement of an athlete is inseparable from various external and internal aspects, one of which is the athlete's own beliefs, but good supervision and guidance is needed from the coach to the administrator level. If we talk about sporting achievements, of course it will involve four supporting aspects, namely physical, technical, tactical and mental (Magdalena & Adzim, 2022)

Based on the results of an analysis of achievements starting from coaching and starting through PPLP. The author observes that it needs to be done in Riau Province to be precise at PPLP volleyball sports. The results of the researchers' initial observations revealed that a team was not united and harmonious in participating in matches, because volleyball is a team sport. Apart from the satisfactory achievements, other problems obtained from the results of observations are coaching programs that lack discipline on time, facilities and infrastructure do not meet athlete training standards where volleyball athletes still use multi-purpose courts which are modified into volleyball courts where this makes the failure to achieve the achievement coaching program which is the vision and mission of PPLP, because the availability of training facilities and infrastructure that are independently and well managed is one of the keys to achieving a good and structured training pattern in accordance with the athlete development program so that it is necessary for researchers to feel the need to evaluate the coaching program athletes and training center hall A PPLP volleyball Riau Province.

Evaluation of the Riau Province volleyball team needs to be carried out to find out to what extent the achievement of the coaching program is appropriate for participating in regional, provincial and national events that will be followed in the future and the ongoing coaching process. Evaluation is also carried out to reveal matters related to the program objectives that have been set in order to achieve optimal performance. This research was carried out using the CIPP model that will be achieved after the program is implemented.

Methods

This study uses a type of evaluation research that is carried out by collecting data that is used as information about programs that have been implemented. The evaluation carried out in this study

was to evaluate the achievement coaching program in volleyball at the Student Education and Training Center (PPLP) in Riau Province. This evaluation was carried out by mixing and combining data collected from various sources to provide a finding that became the idea in this study (Creswell & Poth, 2016). This evaluation research uses the CIPP model (context, input, process, product). This research was conducted at the Riau Province Volleyball Education and Training Center (PPLP), and this research was conducted from March to April 2022. The samples in this study were administrators, coaches, volleyball athletes at PPLP Riau. Data obtained through observation, interviews, documentation which is explained quantitatively and qualitatively. Qualitative data analysis techniques use data reduction, data presentation, and draw conclusions, while quantitative analysis uses descriptive analysis techniques presented in percentage form.

Results

The results of the data that have been collected in this study were carried out using several methods, namely using questionnaires and interviews which were used to evaluate achievement development programs at the Student Education and Training Center (PPLP) for volleyball in Riau Province as follows:

1. Evaluation Context

a. Development Program Background

Interviews that were conducted with the last administrators and trainers with backgrounds in the coaching program at PPLP Riau volleyball, based on the results of these interviews it was stated that the volleyball achievement coaching process at PPLP Riau had been going well even though in its implementation there were budget constraints in implementing it. To achieve budget performance, it has an important role, it is hoped that with the existing budget everything can run according to their needs. Furthermore, in the coaching process, coordination is needed between administrators, coaches and athletes to help parents supervise their children in their daily lives. This has also been implemented by the volleyball team at PPLP Riau as an effort to evaluate and coordinate as a form of a structured achievement development program. in PPLP Riau Province.

Next, the results of the context evaluation research regarding the background of the volleyball coaching program at PPLP Riau are presented through the distribution of questionnaires which are measured with 8 statement items presented in a descriptive table of the management's assessment as follows:

Table 1

Development Program Background.

Mean	SD	Min	Max
3.13	1.126	1	4

Based on the results of the context evaluation questionnaire, the background of the coaching program based on the management gets a percentage of 100% in the sufficient category. This is because the administrators are experiencing difficulties because the budget provided is not sufficient for the development of PPLP volleyball achievements in Riau Province. Managers must make the maximum use of the existing budget for all coaching needs, so the goals of coaching have not been achieved in relation to the budget and the current Covid 19 pandemic.

Table 2

Trainer's assessment which is measured by the 6 statement items.

Mean	SD	Min	Max
3.67	0.516	3	4

Referring to the descriptive table, the results of the background research on the coaching program from the trainer's point of view show that 50% are in the good category, and 50% are in the sufficient category. This is due to the fact that trainers experience difficulties in meeting all needs in carrying out achievement coaching programs due to increasingly limited budgets.

b. Coaching Program Objectives

The aim of the volleyball achievement coaching program at PPLP Riau is based on an evaluation of the context obtained through interview data with administrators and coaches. The results of the

interviews with the management and trainers revealed that in compiling the training program the trainers arranged them as experts in their field, in this case the management was not involved, but after the training program had shrunk, the administrators coordinated again with the trainers. Furthermore, the research results obtained through the distribution of questionnaires to administrators regarding the context evaluation of the goals of the coaching program based on the administrators in this study were measured by 4 statement items presented in Table 3.

Table 3

Coaching program based on the administrators.

Mean	SD	Min	Max
3.67	0.516	3	4

The results of the research from the point of view of the management of the training program objectives are in the sufficient category with a value of 100%. This is because the training program in volleyball PPLP Riau Province is fully assigned to the coach, in making the training program the management only targets the achievements to be achieved by the coach, and coordination regarding the training program is carried out when it wants to run. Furthermore, the results of the trainer's assessment in this study are also presented, measured by the 3 statement items presented in Table 4.

Table 4

The trainer's assessment in this study was measured by 3 statement items.

Mean	SD	Min	Max
3.7	0.516	3	4

It was further stated that the results of the research were based on the trainer's assessment point of view, namely being in the sufficient category with a value of 50% and in the less category with a value of 50%. This is because the training program which is fully made by the coach and the team lacks support regarding implementation, due to a minimal budget. the winning achievement of the training program that has been made is not supported by the existing budget. The

coach experienced a little difficulty in implementing the training program.

c. Coaching Program

The achievement coaching program at PPLP volleyball in Riau Province based on context evaluation in this study was obtained based on the results of interviews conducted with administrators and coaches. The results of interviews from the point of view of management and coaches regarding the achievement coaching program at PPLP for volleyball in Riau Province involve PBVSI as the main volleyball organization in Indonesia. In its achievement PPLP Volleyball Riau Province really hopes for the support of all parties. Especially in terms of a minimal budget to be able to carry out the training program properly. The results of the interview research were strengthened by the results of a questionnaire that had been distributed to volleyball administrators and coaches at PPLP Riau. The results of the research from the point of view of the management in this study were measured by the 4 statement items presented in Table 5.

Table 5

Achievement coaching program in PPLP volleyball sport in Riau Province.

Mean	SD	Max	Min
2.74	1.500	4	1

Furthermore, the data obtained is known that the coaching program is still in the sufficient category with a percentage value of 100%. This is because the involvement of PBVSI helped us in making the Volleyball PPLP training program for Riau Province. The collaboration between the coaches and PBVSI in the preparation of the training program is hoped that the Volleyball PPLP Riau Province will be able to achieve the targets well achieved.

Table 6.

Training program development expected by provincial volleyball PPLP.

Mean	SD	Min	Max
3.50	0.577	3	4

Based on the results of research from the trainer's point of view in the coaching program in the sufficient category of 50% and the less category is 50%. This is because the cooperation that was carried out with PBVSI had a few obstacles due to the different points of view that occurred. The trainer and the coaching team in making the training program look at all existing conditions and maximize the deficiencies that are experienced.

2. Evaluation Input

a. Coach

The results of the input research regarding coaches who play an important role in fostering volleyball achievement at PPLP Riau were carried out with interviews from the point of view of management, coaches, and athletes. The results of interviews from administrators, coaches and athletes. Based on interviews conducted with administrators and coaches regarding the achievement coaching program at PPLP for volleyball in Riau Province involving PBVSI as the main volleyball organization in Indonesia. In its achievement PPLP Volleyball Riau Province really hopes for the support of all parties. Especially in terms of a minimal budget to be able to carry out the training program properly. Based on the research results as measured through a questionnaire with 34 statement items as an evaluation of the trainer's input evaluation in volleyball coaching at PPLP Riau, the following descriptive data is presented in Table 7.

Table 7

Assessment of coach input evaluation in volleyball development at PPLP Riau.

Mean	SD	Min	Max
3.79	0.479	2	4

Based on the descriptive results, it can be expressed in the form of a percentage, the results in the sufficient category are 50% and the less category is 50%. The acquisition of this research is based on the recruitment of trainers whose selection is based on recommendations by the management, in this recruitment it is still in the sufficient and insufficient category because it still uses a recommendation system and is not held with open recruitment which can be

followed by anyone who has a trainer's license and experience. good.

b. Athlete

Evaluation of input based on athletes in PPLP volleyball sports in Riau Province in this study obtained the results of interviews conducted with administrators, coaches and athletes. As for the results of the interviews that have been conducted regarding the process of recruiting athletes, in this case the recruitment is carried out by means of an open selection provided that the athletes have recommendations from the club or school they come from. Then the coach has the right to select athletes according to the specified standards. During the recruitment process these athletes were under the supervision of the management, although technically full rights in recruiting athletes were given to the volleyball team coach at PPLP Riau. The results of research conducted by distributing questionnaires in this study were measured by 23 statement items presented in the descriptive statistics table below:

Table 8

Evaluation of athletes' input in volleyball development at PPLP Riau.

Mean	SD	Min	Max
3.39	0.499	3	4

Based on the descriptive results, it can be expressed in the form of a percentage. The results obtained are that of the 14 athletes, the results on the input evaluation were 7.1% in the good category, 71.4% in the sufficient category, and 21.4% in the poor category. This is because the recruitment of athletes is fully left to the coaches and teams. In recruiting coaches receive athlete recommendations from club coaches or teachers at school. Athletes who have been recommended are then selected according to the classification the trainer has provided.

c. Parents

Evaluation of input based on parents in PPLP volleyball sports in Riau Province in this study obtained the results of interviews conducted with athletes and

coaches. Based on the interviews that have been conducted, it can be seen that the athletes who have been selected must be accompanied by the support and approval of their parents, so parents who do not support their children to join the volleyball team at PPLP Riau, parents have the right not to give consent to their children to participate. selection and join the team. The results of this study are also supported by quantitative data obtained from a questionnaire measurement with 5 statement items, so that the results of descriptive statistics are presented in Table 9.

Table 9

Assessment of parental input evaluation in volleyball development at PPLP Riau.

Mean	SD	Min	Max
3.20	0.447	3	4

Based on the results of this study, it can be seen that input evaluation based on parents can be seen to be in the sufficient category with a percentage of 100%. This is because recommendations from parents are really needed in the Riau province volleyball PPLP team. Parents are an important supporting factor for athletes. Good coordination by coaches and parents of athletes is a distinct point in the PPLP volleyball team for Riau province.

d. Budget Sources

Evaluation of inputs based on budget sources in PPLP volleyball sports in Riau Province in this study obtained the results of interviews conducted with administrators and coaches. Based on the results of the interviews that have been conducted, it is known that the budget used in the volleyball coaching program at PPLP Riau comes from the predetermined APBD budget. The funds obtained were very minimal so that the management experienced difficulties in managing them, because these funds were used to meet all needs in the volleyball team coaching program at PPLP Riau. Furthermore, the results of the study as measured by a questionnaire with 10 statement items are presented in Table 10.

Table 10

Input evaluation of budget sources in volleyball development at PPLP Riau.

Mean	SD	Min	Max
2.80	0.789	1	4

Based on the results of the table above, it can be seen that the percentage of input evaluation based on budget sources, these results show that they are in the sufficient category with a percentage of 100%. What underlies this is the budget obtained according to the number of athletes on the PPLP Riau volleyball team. The administrators make as much effort as possible in terms of the budget to meet the needs of athletes, so that the coaching program can run well.

e. Infrastructure

Input evaluation based on infrastructure at PPLP volleyball sports in Riau Province in this study obtained the results of interviews conducted with administrators, coaches and athletes. Based on the interview, it is known that the existing facilities and infrastructure for volleyball at PPLP Riau are still suitable for use. Furthermore, the lack of budget provided, the management continues to strive to meet the needs for facilities and infrastructure that play an important role in supporting the Riau PPLP volleyball team coaching program with the aim of increasing performance. The results of input evaluation research based on infrastructure in this study were measured using a questionnaire with 4 statement items presented in Table 11.

Table 11

Input evaluation of infrastructure facilities in volleyball development at PPLP Riau.

Mean	SD	Min	Max
2.80	0.789	1	4

Based on the results of this research, it can be seen that the percentage of input evaluation based on facilities and infrastructure is in the sufficient category with a percentage of 100%. In the results of this study, it was found that there were several suggestions that had to be replaced, but the infrastructure owned by the

Riau province volleyball PPLP was fairly good and feasible to use. The maintenance of facilities and infrastructure in the volleyball sport PPLP Riau is not carried out routinely so it is feared that they will experience damage more quickly.

3. Evaluation Process

a. Coaching Program

Evaluation of the process based on the coaching program at PPLP volleyball sports in Riau Province in this study obtained the results of interviews conducted with administrators, coaches and athletes. Based on the results of the interview, it was revealed that the training program had been hampered during the Covid 19 pandemic because athletes had to be temporarily sent home for several months. It's now back on track with a fast-paced training program due to the schedule of several matches to be held in the near future. In this case the athlete must also know the training program and the targets achieved so that the coach and athlete are able to work together to achieve an achievement. This research is also strengthened by the research results obtained from a questionnaire with 5 statement items which will be presented in Table 12.

Table 12

Process evaluation of infrastructure facilities in volleyball development at PPLP Riau.

Mean	SD	Min	Max
3.60	0.548	3	4

Based on the results of the table above, the process evaluation based on the coaching program obtained a percentage of 100% in the sufficient category. The coaching program has been going well, but there are still some unresolved obstacles. The coaching program during the Covid 19 pandemic had stopped for several months, with the athletes returning to their homes, halting the coaching program at PPLP volleyball in Riau province.

b. Implementation of the Coaching Program

Process evaluation based on the implementation of the coaching program at PPLP volleyball sports in Riau

Province in this study obtained the results of interviews conducted with administrators and coaches. Based on the results of interviews that have been carried out the PPLP athlete development program for volleyball in Riau Province is going well. a very short preparation made the administrators and coaches work together to achieve the target of the agreed coaching program. The implementation of the training program runs every day with morning and evening time divisions. This is relevant to the research results obtained through a questionnaire with 14 statement items, the results are presented in Table 13.

Table 13

Evaluation of the evaluation of the coaching program process in volleyball coaching at PPLP Riau.

Mean	SD	Min	Max
3.64	0.842	1	4

Based on the results of the table above, the evaluation process based on the implementation of the coaching program is in the sufficient category with a percentage of 50% and the less category is 50%. The coaching program is carried out every day in the morning and evening. The coaching program, which has a very short pre-competition period, has an impact on the training program that has been prepared, so this requires support from various parties.

4. Evaluation Product

a. Achievement

Product evaluation based on achievement in PPLP volleyball sports in Riau Province in this study obtained the results of interviews conducted with administrators, coaches and athletes. Based on interviews conducted at this time only able to achieve achievements in regional offices. In the national competition, the PPLP Riau volleyball team has not been able to win the championship. However, with the determination and persistent hard work of the coaches and athletes, one day PPLP for volleyball in Riau Province will be able to achieve nationally and internationally. The results of this product evaluation research are reinforced by a questionnaire that is measured with 3 statement items presented in Table 14.

Table 14

Evaluation of product achievement evaluation in volleyball development at PPLP Riau.

Mean	SD	Min	Max
2.85	0.064	3	3

Based on the results of the descriptive analysis in the table above, it is analyzed in the form of a percentage, it is known that product evaluation based on achievement is in the very good category at 67%, and very poor category at 33%. The history of achievements that have been achieved by the Riau PPLP volleyball team is only at the regional level, the Riau PPLP volleyball team has participated in competitions at the national level but has not succeeded in achieving significant achievements. This is due to the mentality of competing which still needs to be improved in order to instill a winning spirit in the competition at hand.

Discussion

Based on the results of the analysis carried out regarding the evaluation of achievement development conducted at PPLP in Riau Province, Indonesia using the CIPP evaluation, it was stated that the overall input components in ketagroi were quite good. If we relate it to the literature review, previous research has several similarities regarding the evaluation of achievement development through the CIPP evaluation method. The Riau Province Volleyball Education and Training Center (PPLP) has a good context evaluation. To activate and empower sports development in Indonesia, it is necessary to reorient, restructure, revitalize, place priority scales, be pragmatic, integrated, and effective-efficient (Sudarko, 2009) Program implementation is in accordance with the standards expected by Stafflebeam (Pramono et al., 2020).

The process evaluation carried out at PPLP Volleyball in Riau Province includes the process of coaching itself and monitoring. In the aspect of the process, achievement coaching has been going well as evidenced in the results of interviews, that is, in the implementation of the program the trainer has implemented it according to the intensity required by the athlete. The implementation of the training program is also conveyed to the athletes so that the

athletes help the coach in targeting the achievement of the training program (Krismonita & Mulyono, 2020). Achievement sports must be carried out with a good plan, and nurseries are carried out in stages or grouped by age so that the coaching goes according to purpose and in the implementation of coaching assisted by sports knowledge and technology such as tools to measure the physical ability of an athlete.

In accordance with the statement (Wani, 2018) the training program is a way to carry out training effectively and efficiently so that it is hoped that it can achieve the targets that have been set. In addition to implementing the achievement coaching program, it is important that monitoring activities are carried out by the Riau Province volleyball PPLP board. Periodic monitoring by visiting the athlete training field directly, this is a form of the seriousness of the management in helping the process of fostering this achievement (Sharly & Alnedral, 2022)

Parental support is very important for a child to be able to achieve in a sport. Parents are the main motivation for athletes so they can increase their confidence and mentality in competing (Pelana, 2017). (Goodwin et al (2022) said that Physical Education is physical education, sports and health learning which in learning activities has been modified both from the implementation of activities, lesson plans, curriculum, games, and assessment. (Yuliawan, Indardi, & Setyawati, 2022) said that the condition of the training infrastructure, the coaching methods applied by the club, the financial condition of the club, the support of parents, the athlete's financial side, the club that manages, the role of the trainer, the training method, the physical, technical and mental aspects athletes, as well as conducting trials at domestic and foreign matches to measure the ability and maturity of athletes when competing and supported by the use of optimal and responsible funding.

Conclusion

Based on the results of the analysis in this study, it was concluded that the volleyball achievement coaching program at the Riau Province Student Education and Training Center was running in the sufficient category. The results of the context evaluation were concluded to get a percentage of 100% and based on the trainer it was in the 50% sufficient category and 50% less category. The results of the input evaluation with a percentage of 50% and less category with a percentage

of 50% based on the management, input evaluation based on the coach in the sufficient category with a percentage of 50% and less category with a percentage of 50%, input evaluation based on athletes 7.1% good category, 71.4 % adequate category and 21.4% less category, input evaluation based on parents in the sufficient category with a percentage of 100%, input evaluation based on budget sources in the sufficient category with a percentage of 100%, and input evaluation based on facilities and infrastructure in the sufficient category with a percentage of 100 %. Process evaluation results with a percentage of 100% based on the coaching program and process evaluation based on the implementation of the coaching program are in the sufficient category with a percentage of 50% and in the less category with a percentage of 50%. Product results are concluded in the very good category with a percentage of 67% and 33% very poor category based on achievement.

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