THE ANALYSIS OF THE EFFECTIVENESS OF THE INDONESIAN NATIONAL POLICE’S INTELLIGENCE SPECIALIZED DEVELOPMENTAL EDUCATION USING KIRKPATRICK TRAINING EVALUATION MODEL

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ABSTRACT

This study examines the effectiveness of the implementation of the Security Intelligence Specialized Developmental Education (Dikbangspes Intelkam) in the Indonesian National Police (INP)’s Security Intelligence Education Center in 2018 using Kirkpatrick training evaluation model. Conceptually, training center is important to improve the ability of human resources (HR) in the organization and in actual fact the INP’s security intelligence human resources constitute the critical and strategic assets as well as leading component in supporting the police organization especially in presenting information related to the investigation, security and promotion in order to support the main tasks and functions of the Police (Tupoksi) in the field of security and public order (Kamtibmas). This research was conducted with a mixed method, beginning with the collection and analysis of quantitative data then proceeded with the collection and analysis of qualitative data. The analysis used Kirkpatrick's training evaluation model, namely reaction, learning, behavior, and result. The quantitative analysis results show that the effectiveness of the INP’s Security Intelligence Specialized Developmental Education (Dikbangspes) is high; however, based on the qualitative analysis, the implementation of the Security Intelligence Specialized Developmental Education (Dikbangspes) in 2018 faces 3 (three) problems, namely: the attainment of educational goals has not yet optimal, the training management system having been developed in the yearly period has not yet had a strong reference, and the evaluation of educational outcomes has had no significant follow-up.

KEYWORDS: effectiveness, the Indonesian National Police (INP)’s Security Intelligence Specialized Developmental Education, Kirkpatrick training evaluation model.

INTRODUCTION

The importance of conducting a study of an evaluation of the Indonesian National Police (INP)’s Security Intelligence Specialized Developmental Education (Dikbangpes Intelkam Polri) can be identified from the following points. First, the intelligence personnel as police human resources constitutes the critical and strategic asset as well as leading component in supporting the police organization, especially in presenting information related to the investigation, security and promotion in order to support the main tasks and functions of the Police in the field of security and public order (Kamtibmas). Second, Meyer and Smith (2000) in Elnaga (2013: 142) emphasize that
in order to improve the knowledge, skills and abilities of an organization's personnel so that they can do their jobs well, an excellent and professional educational and training institution is necessary for the institution to be able to produce human resources (HR) that are competent, have positive attitude and behaviour, are committed, and have high work motivation. Third, the Specialized Developmental Education for each personnel can improve his or her performance in the organization through the increased motivation and high commitment. Fourth, in this context, organization educates and develops Human Resources so that they can enhance the organizational effectiveness. Fifth, the INP’s Security Intelligence Education Center (Pusdik Intekam Polri) is one of the organizers of the Security Intelligence Specialized Developmental Education Program (Prodik) which is charged by the National Police Education and Training Center. Sixth, one of the functions of the police is Security Intelligence or commonly called Intelligence. Seventh, according to the data obtained from the Human Resources Department (SSDM) of the Indonesian National Police, of the total of 447,970 Indonesian National Police personnel, the number of intelligence officers required by the National Police Chief Regulation Number 21, 22, and 23 of 2010 concerning Organizational Structure and Work Procedures (SOTK) for Organizational Unit at the National Police Headquarters, Regional Police (Polda), Resort Police (Polres), and Sector Police (Polsek), according to the Personnel Composition List (DSP) was 45,895 personnel. However, only were as many as 27,447 personnel fulfilled.

The effectiveness of the Specialized Developmental Education is an important factor in developing an organization's human resources. Nevertheless, it is not enough to just provide development education to the personnel, the organization has also to conduct an evaluation to find out whether the development education that the personnel participate in has effectively met the organization's expected results.

This research questions include:

1. How is the effectiveness of the Specialized Developmental Education in the development of human resources in the National Police security intelligence according to the Kirkpatrick training program evaluation model (Reactive, Learning, Behavior, Results)?

2. What are the dominant factors that influence the effectiveness of the education management of the INP’s intelligence Specialized Developmental Education?

3. How is the evaluation model of developing effective specialization education in developing the human resources of the National Police Intelligence?

THEORETICAL BASIS

Research on human resources education and development (Dikbang), as a measurement model, begins with the emphasis of the importance of “human capital” as an organizational asset in the face of external changes that are full of competition pressures (Devi & Shaik, 2012: 722). Education and development is critical for HR, organization and organizational credibility. Organizations have long recognized that the most valuable asset in organizations is human capital and various organizations believe that much investment has been invested in training and HRD (Devi & Shaik, 2012: 722).
Study on human resources education and development related to organizational culture exists in a training institution, as the research by Kissack & Callahan (2009: 365) noticed that there is a reciprocal relation between organizational culture and training effectiveness. Caro (2011: 367) also found that organizational climate and culture can influence the evaluation process.

Human resources education and development greatly affects the quality of employees’ work (Alipour, 2009: 63), the results expected by the organization (Kunche, et. Al. 2011: 1), and their improved technical skills and knowledge to upgrade services (Maduka, 2014: 327). This is also in line with the research conducted by Borate, et.al. (2014: 2) revealing that good training and development can improve the professionalism of participants. Another study was conducted by Mellahi (2000: 338), which made curriculum education relevant to the needs of the labor market to escalate the expansion of job opportunities and job skills. Another act done by Prabawati, et. al. (2017: 1) develops human resources with competency-based training (CBT).

Training evaluation has become attention to a lot of researches in the development of human resources (Devi & Shaik, 2012). Devi & Shaik (2012: 726) conducted a literature review based on various articles from a variety of researchers’ views and one of the selected 5 (five) is Training Evaluation. Over the years, researchers have developed systematic procedures to evaluate training which include: (1) Kirkpatrick's Four Level Model, (2) Hamblin's Five Level Model, (3) Warr's Framework of Evaluation, (4) Virmani and Premila's Model of Evaluation, (5) Peter Bramely's Model of Evaluation, and (6) David Reay's Approach to Evaluation.

Among the six models above, the most widely accepted model for the effectiveness of education and training is the model developed by Kirkpatrick that classifies training evaluation into 4 (four) categories, namely: (1) participant 'reactions to the training program; (2) changes in attitude, knowledge or skill levels; (3) changes in work behavior; (4) changes in organization’s desired outcomes (Leach, P. Mark & Liu, H. Annie, 2003; in Devi & Shaik, 2012: 727).

The four-level method of the Kirkpatrick model represents a sequence of stages of evaluating the training program (Meghe, et.al: 2013) in Ramadhon, (2016: 45). The purpose of the sequence is that each level should be carried out in stages. That is because each level in the four level model is important and one level impacts the next level (Abdulghani, et. Al: 2014) in Ramadhon, (2016: 45). The four levels are: Level 1 - Reaction, Level 2 - Learning, Level 3 - Behavior, and Level 4 - Result.

Evaluating reaction (Level 1) is similar to measuring the level of consumer satisfaction (Kirkpatrick & Kirkpatrick, 2006: 21). Measuring the level of participant satisfaction in training activities is important, because it involves their motivation in learning. This is consistent with what was stated by Holton (1996: 5) that learning motivation is directly related to learning. Evaluation at level 1 does not measure what participants have learned, but assesses the interest, motivation, and level of attention of the trainees (Smidt, et.al., 2009: 272).

Learning evaluation (level-2) relates to measuring the improvement of participant competencies, both in terms of knowledge, skills and attitude in accordance with the objectives of the training. Learning is defined as the extent to which participants change their attitude, increase knowledge, and/or improve skills as a result of attending the program (Kirkpatrick & Kirkpatrick, 2006: 22). The purpose of implementing learning evaluation at level-2 according to Kennedy, et. Al (2013: 11) is to measure how well the participants take up the knowledge or skills delivered in the teaching learning activities.
Behavior (level-3) according to Kirkpatrick & Kirkpatrick (2006: 22-23) identifies the extent of participants’ behavior changes as a result of their participation in the training program. Level-3 evaluation is carried out to indicate the extent to which the material in the training is applied to the work and workplaces of the participants (Steensma and Groeneveld, 2010: 13). To be able to apply these behavioral changes, according to Kirkpatrick & Kirkpatrick (2006: 23), there are 4 (four) conditions that are needed, namely: a person should have a desire to change; he or she should know what to do and how to do it; he or she should work in the right work environment; and he or she should get an award because of the behavior change he or she has made.

Evaluation of result according to Kirkpatrick & Kirkpatrick (2006: 25) can be defined as an end outcome that is generated as a result of participants attending a training program. Rafiq (2015: 160) stated that evaluation at level 4 aims at finding out whether the training program is useful in achieving organizational goals. The final results in the context of evaluation at level 4 include increased production outcomes, customer satisfaction, increased employee morale, and increased company profits (Arthur et al.2003a; Landy and Conte 2007) in Praslova, (2010: 7).

RESEARCH METHODOLOGY

This study used a mixed method by using quantitative and qualitative research methods that can provide an understanding of comprehensive research problems and questions related to the study. When one form of research (qualitative or quantitative) is not enough to examine the research problems that are formulated or not complete enough to answer the research questions, then data, elaboration and further explanation are needed (Creswell, 2012: 22). The design of this study used "The Explanatory Sequential Design". Researcher collected quantitative and qualitative data in two ways, the quantitative data collection was firstly done and then followed by obtaining qualitative data.

The National Police Intelligence Specialized Developmental Education Program examined in this study was the implementation of Batch VII Specialized Developmental Education Year 2018 at the National Police Intelligence Education and Training Center, Jalan Terus Soreang - Cipatik No.79, Pamekaran, Soreang, Gajahmekar, Kutawaringin, Bandung, West Java 40912 and in the West Java Regional Police.

The research subjects consist of respondents and informants. Respondents are the population (quantitative approach), who are the participants of the National Police Intelligence Specialized Developmental Education Year 2018 with proportional samples, namely 26 Intelligence Chiefs (KBO), 25 middle-rank Intelligence personnel, 30 personnel of Intelligence Collection Operations Unit, divided by 5 (five) commissioned officers and 25 non-commissioned officers, and 26 Security Investigation non-commissioned officers in the The National Police Intelligence Specialized Developmental Education Batch VII Year 2018. The informants of this study include:

1. Students of the the Specialized Developmental Education Batch VII, Year 2018;
2. the number of West Java Police Intelligence Personnel who have participated in the Intelligence Specialized Developmental Education was 214 personnel;
3. Head of the National Police Intelligence Education Center, leaders and educators, instructors and facilitators in the Police Intelligence Education Center.
(4) Head of West Java Regional Police Human Resources Bureau, West Java Regional Police Intelligence Director, Head of Personnel Control Section (Dalpers) Human Resources Bureau West Java Regional Police Headquarters, West Java Regional Police Chief and Chief of Intelligence of Resort Police/City Police /Metropolitan City Police under West Java Regional Police, as Security Intelligence Personnel superiors in developing and carrying out personnel management functions.

(5) Key Officials of West Java Regional Police Directorate of Operational Functions;

(6) Head of Functional Unit outside the intelligence function in the West Regional Police;

(7) Head of the Education and Training Development Bureau, as an element of leadership assistant and implementation staff under the Head of National Police Education and Training (Kalemiklat Polri), as the organizer of Education and Training within the National Police Educational and Training Agency (Lemiklat Polri) environment;

(8) Head of The INP’s Personnel Control Section Human Resources Department; Personnel Control Section Human Resources Department of the Indonesian National Police is the main implementation element under the Assistant of Human Resources of INP Chief (As SDM Kapolri), as the supervisor for organizing the selection of development education;

(9). Head of the Budgetary Management Bureau (Karojemengar);

(10) Head of Planning and Administration Bureau (Karo Renmin); and

(11) the people of West Java, as the community who experience the impact of the main tasks, functions and roles (Tupoksiran) of Intelligence in the West Java Regional Police.

The data collection technique in quantitative research approach is carried out through questionnaires. Meanwhile, the qualitative data collection technique include observation, interviews, and study of documents that are relevant and in accordance with the research objectives.

THE EFFECTIVENESS OF SPECIALIZED DEVELOPMENTAL EDUCATION

The calculation results of the dimensions of the Reaction variable is a parameter of the level of participant satisfaction towards the implementation of the National Police Intelligence Specialized Developmental Education Program Batch VII Year 2018. Reaction variable dimension includes the needs, materials, and methods of Specialized Developmental Education, trainers, media, facilities and environment of Specialized Developmental Education, time, and teaching and learning process.

Table 1.
Descriptive Statistic of Reaction Variable and Dimensions

| Variable and Dimension | N   | Minimal | Maximal | Average | Deviation standard | Score | Category |
|------------------------|-----|---------|---------|---------|--------------------|-------|----------|
| Reaction               | 107 | 77      | 200     | 155.30  | 22.91              | 77.65 | High     |
| The needs of Specialization Development Education | 107 | 9       | 25      | 19.63   | 2.75               | 78.50 | High     |
Table 1. above shows that the Reaction variable has a minimum value of 77 and a maximum value of 200 with an average value of 155.30 with different variations in the perception of the standard deviation, which is 22.91. Reaction variable score tends to be high. This indicates that the Intelligence Specialized Developmental Education Year 2018 is perceived high by the respondents, which means that it has been held effectively.

Level 2 evaluation regarding the improvement of participant competencies in terms of knowledge, skills, and attitude can be seen in Table 2 below.

**Table 2.**
Descriptive Statistic of Learning Variable

| Variable | N  | Minimal | Maximal | Average | Deviation Standard | Score  | Category |
|----------|----|---------|---------|---------|--------------------|--------|----------|
| Learning | 107| 3       | 34      | 19.83   | 6.64               | 58.33  | Fair     |
| Pre-test | 107| 40      | 78      | 54.24   | 6.84               | 69.54  | High     |
| Post-test| 107| 66      | 88      | 74.08   | 5.82               | 84.19  | Very High|

Learning variable has a minimum value of 3 and a maximum value of 34 with an average value of 19.83 with different variations of perception for the standard deviation of 6.64. The score of Learning variable tends to be fair. The Pre-test value has a minimum value of 40 and a maximum value of 78. With an average respondent's perception of the Pre-test value of 54.24, and has a standard deviation of 6.84, pre-test score tends to be high. Meanwhile, the Post-test value has a
minimum value of 66 and a maximum value of 88. With an average respondent's perception of the Post-test value of 74.08 and a standard deviation of 5.82, the Post-test score tends to be very high. Evaluation of the National Police Intelligence Specialized Developmental Education based on the Behavior variable from the supervisor's assessment to the participants of the National Police Intelligence Specialized Developmental Education Batch VII Year 2018 which includes the dimensions of the existence, development, and service can be seen in Table 3 below.

Table 3.
Descriptive Statistic of Behavior Variable and Dimensions

| Variable     | N  | Minimal | Maximal | Average | Deviation Standard | Score  | Category   |
|--------------|----|---------|---------|---------|--------------------|--------|------------|
| Behavior     | 107 | 13      | 48      | 38.87   | .19                | 80.98  | Very High  |
| Existence    | 107 | 3       | 15      | 11.69   | .03                | 77.94  | High       |
| Development  | 107 | 3       | 15      | 12.18   | .20                | 81.18  | Very High  |
| Service      | 107 | 6       | 19      | 15.00   | .55                | 78.95  | High       |

The calculation results of the questionnaire on Behavior variable has a minimum value of 13 and a maximum value of 48 with an average value of 38.87 with different variations in the perception of the standard deviation of 6.19. Behavior score tends to be very high.

Level-4 Evaluation on Result variable with the Kirkpatrick model uses the performance parameter of intelligence personnel as an impact of the results of the National Police Intelligence Specialized Developmental Education. Table 4 below presents descriptive statistic of the Result variable obtained from the superiors' assessment of intelligence personnel as the impact of the results of the National Police Intelligence Specialized Developmental Education Batch VII Year 2018, with the dimensions of the Result variable, which include the outcomes of intelligence products, user satisfaction, and discipline.

Table 4.
Descriptive Statistic of Result Variabel and Dimensions

| Variable and Dimensions | N  | Minimal | Maximal | Average | Deviation Standard | Score  | Category   |
|-------------------------|----|---------|---------|---------|--------------------|--------|------------|
| Result                  | 107| 16      | 8       | 37.79   | 5.38               | 78.72  | Tinggi     |
| Outcomes of Intelligence Products | 107| 5   | 4       | 11.05   | 2.02               | 78.91  | Tinggi     |
| User Satisfaction       | 107| 7     | 0       | 15.35   | 2.45               | 76.73  | Tinggi     |
| Discipline              | 107| 4     | 5       | 11.39   | 1.81               | 75.95  | Tinggi     |
The final results in the context of evaluation level 4 include the improved work outcomes, user satisfaction, employee’s morale improvement, and increased company profit (Arthur in Praslova, 2010). Result variable has a minimum value of 16 and a maximum value of 48 with an average value of 37.79 with different perceptual variations of standard deviation of 5.38. The score of the Result variable score tends to be high. The results of simple regression test on various aspects of the education and training program can be seen in Table 5 below.

Table 5.
Simple Regression Test Results (Coefficientsa)

| Model | Unstandardized Coefficients | Standardized Coefficients |
|-------|-----------------------------|---------------------------|
|       | B   | Std. Error | Beta | t          | Sig. |
| 1     | (Constant) | 15.153 | 2.822 | 5.370 | .000 |
|       | (Reaction) | .146  | .018  | .620  | 8.107 | .000 |

a. Dependent Variable: Result

The results of the analysis shown in the table above show that the Reaction variable has a strong relationship (r = 0.620; p <0.000) and is very significant towards the Results of the National Police Intelligence Specialized Developmental Education Batch VII Year 2018 so that it can be interpreted that the higher or more positive reaction of the participants of the National Police Intelligence Specialized Developmental Education Batch VII Year 2018, the higher the Results of the National Police Intelligence Specialized Developmental Education Batch VII Year 2018.

Table 6.
The Results of F Test (ANOVAa)

| Model | Sum of Squares | Df | Mean Square | F      | Sig.  |
|-------|----------------|----|-------------|--------|-------|
| 1     | Regression     | 1181.887 | 1  | 1181.887  | 65.724 | .000b |
|       | Residual       | 1888.170 | 105| 17.983    |        |       |
|       | Total          | 3070.056 | 106|          |        |       |

a. Dependent Variable: Result
b. Predictors: (Constant), (Reaction)
Source: Research Results, 2019 (Data processed)
Anova calculation results for the significance of the Reaction variable (Result) indicate that the significance value in the last column of the following table shows that the simple regression model with only single Reaction variable is very high which can be interpreted that the regression model is good. Meanwhile, the table above shows that the Fcount value of 65.724 with a significance value of 0.000 indicates that the simple regression model is appropriate for predicting the contribution of Reaction variable to the performance of the the National Police Intelligence Specilized Developmental Education Batch VII Year 2018.

The results of the simple regression analysis showing the level of the relationship between Learning and Result variables can be seen in Table 7.

Table 7.  
Simple Regression Test Results (Coefficients*)

| Model       | Unstandardized Coefficients | Standardized Coefficients | t     | Sig. |
|-------------|-----------------------------|---------------------------|-------|------|
| (Constant)  | 28.600                      | 1.357                     | 21.082 | .000 |
| (Learning)  | .463                        | .065                      | .572  | 7.137 | .000 |

a. Dependent Variable: Performance  
Source: Research Results, 2019 (Data processed)

The table above shows the significance level of the relationship between the Learning and Result variables of the National Police Intelligence Specilized Developmental Education Batch VII Year 2018 as indicated by the standard coefficients (r = 0.572; p <0.000) which can be interpreted that the Learning variable has a good and very significant relationship with the Results of the participants of the National Police Intelligence Specilized Developmental Education Batch VII Year 2018. The significance value of the t-test shows a significant relationship between Learning variable and the Result of the participants of the National Police Intelligence Specilized Developmental Education Batch VII Year 2018, according to the simple regression model in this study. Therefore, it can be interpreted that the higher the Learning of the participants of the National Police Intelligence Specilized Developmental Education Batch VII Year 2018, the higher the Results of participants of the National Police Intelligence Specilized Developmental Education Batch VII Year 2018.

The F Test results in the Anova table below are intended to see whether the simple regression model that analyzes the relationship and the effect of Learning variable on Result is a good and significant simple regression model. Thus, the F test results table in the regression analysis provides quantitative confirmation that the regression model having been developed is sufficiently meaningful and significant. The results of the analysis of the F test in the following table show the F value of the test (0.000 <0.05) so that it can be said that the simple regression
The model that tests the relationship and effect of Learning variable on Result is a simple and very significant regression model. The F Test results in this study can be seen in the Anova Table below.

**Table 8.**
F Test Results (ANOVAa)

| Model     | Sum of Squares | Df | Mean Square | F     | Sig.  |
|-----------|----------------|----|-------------|-------|-------|
| Regression| 1002.742       | 1  | 1002.742    | 50.930| .000b |
| Residual  | 2067.314       | 105| 19.689      |       |       |
| Total     | 3070.056       | 106|             |       |       |

a. Dependent Variable: (Result)
b. Predictors: (Constant), (Learning)

*Source: Research Results, 2019 (Data processed)*

The table above shows that the value of Fcount which is processed using SPSS is 50.930 with a significance value of 0.000. Thus, it can be said that the significance value <0.05 means that the regression model is appropriate.

**The Dominant Factors Affecting the Effectiveness of the Management of Specialized Developmental Education (Dikbangspes) in the National Police Intelligence Education Center**

The Dominant Factors Affecting the Effectiveness of the Management of Specialized Developmental Education in the National Police Intelligence Education Center take the view of Kirkpatrick (2006: 1) about the 10 (ten) steps of Training management which are carried out with careful consideration to each factor when planning and implementing an effective Training program. Such factors include: (1) Determining needs, (2) Setting objectives, (3) Determining subject content, (4) Determining participants, (5) Determining the best schedule, (6) Selecting appropriate facilities, (7) Selecting the appropriate instructors, (8) Selecting and preparing audiovisual aids, (9) Coordinating the program, and (10) Evaluating the program. The results of the study revealed:

1. The analysis of the needs of Specialized Developmental Education is carried out by the National Police Intelligence Agency in collaboration with other relevant agencies. The influential factors include: Substantial factors (the INP's mission, the needs of the personnel of the National Police in carrying out their main tasks and functions), and budgetary factors.
2. The objectives of the Specialized Developmental Education in general are determined by the leaders of the National Police under the Indonesian National Police Chief Regulation...
(Perkap) No. 20 of 2007, which is then translated into the objectives of the National Police Intelligence Specialized Developmental Education under the decree of the Indonesian National Police Chief in 2018. The formulation of the objectives of the National Police Intelligence Specialized Developmental Education in 2018 was not comprehensive yet because it did not include the morale reinforcement of the participants.

3. The content of the subject of the National Police Intelligence Specialized Developmental Education follows the curriculum of teaching learning materials set by the National Police Education and Training Center. The subject content was still concrete towards the tangible abilities, while towards characters / morale, it did not exist.

4. The selection of participants used a bottom-up approach and in its implementation violated many existing regulations as many of the participant's requirements were not met when the Regional Police chose its personnel to take part in the National Police Security Intelligence Specialized Developmental Education.

5. The Education Schedule or Calendar is prepared by the National Police Education and Training Center and specified with the decision of the Indonesian National Police Chief. Based on the structure and all the matters managed for the implementation of the National Police Intelligence Specialized Developmental Education in the National Police Intelligence Education Center, the organization of the program was designed through the education and training department, teaching staff/instructors, and student coaching.

6. In general, the facilities of Specialized Developmental Education are already fulfilled by the National Police Security Intelligence Education Center, but what remains an obstacle is the availability of books, modules, and water.

7. Instructors consist of instructors and educational staff. However, not all of them have certificates as instructors and educational staff. Even though in terms of quantity, the instructors and educational staff are sufficient in number but in terms of quality, they are not enough.

Table 9.
The Condition of Instructors and Educational Staff in the National Police Intelligence Education and Training Center

| No | Staff | Number of Staff | Number of participants | Ratio | Remarks |
|----|-------|----------------|-----------------------|-------|---------|
| 1  | Instructors | 42 | 107 | 1:2.54 | 1 instructor in proportion to 2.54 or 3 persons (rounded off) |
| 2  | Tutor | 10 | 107 | 1 : 10.7 | 1 tutor in proportion to 10.7 or 11 persons (rounded off) |
| 3  | Assistant | 28 | 107 | 1: 3.82 | 1 assistant in proportion to 3.82 or 4 persons (rounded off) |
8. Not all of the educational facilities and infrastructure have been fulfilled, especially water, books and modules. These three are the main problems in the facilities and infrastructure of the National Police Intelligence Education Center.

9. Coordination in the management process still overlaps with the development education implementation and experiences ineffective bureaucracy. The supervision and control system in the implementation of the National Police Intelligence Specialized Developmental Education in the National Police Intelligence Education Center has been running as routines.

10. Quantitative evaluation results from the comparison of pre and post-tests shows high scores for each Specialized Developmental Education. However, the results of qualitative data indicate that the quality of training results are much not in accordance with the objectives of the National Police Intelligence Education Center which has a morale of devotion, insightful, perceptive, and skillful.

Model (Hypothetical) Evaluation of The National Police Intelligence Specialized Developmental Education Using the Integration of Kirkpatrick and Countenance Stake

Improving the quality of the implementation of the National Police Intelligence Specialized Developmental Education is important in order to realize the development and prevention of regional and national security. However, the results of the study showed that there were obstacles in various management components of the training. In order to overcome various problems in the future Specialized Developmental Education, researcher tried to make an evaluation model of the National Police Intelligence Specialized Developmental Education so that the quality improvement can be carried out thoroughly, precisely, and in accordance with needs based on the results of an evaluation of the implementation of the National Police Intelligence Specialized Developmental Education. The evaluation model is as follows:

Figure 1 below illustrates that the management of education development specialization which is carried out through a 10-step process of management training in the Kirkpatrick model, namely 1) determining needs, 2) setting goals, 3) determining subject content, 4) selecting participants, 5) determining the best schedule, 6) choosing the appropriate facilities, 7) choosing the appropriate instructor, 8) selecting and preparing audiovisual aids, 9) coordinating the program, and 10) evaluating the program. As for the program evaluation stage, this stage is carried out through 7 (seven) evaluation components, namely the context of Education and Training, Reaction, Learning, Process, Behavior, Result, and Impact. The seven evaluation components are an integrated model of Kirkpatrick and Countenance Stake. The context evaluation analyzes 3 (three) things, namely the reasons why education and training is needed, the analysis of education and training needs, and participant recruitment. Reaction Evaluation analyzes participants' satisfaction with the implementation of the Education and Training they experience. Learning Evaluation analyzes changes in attitude, knowledge and skills of the participants. Process Evaluation analyzes the effectiveness of the environmental influence of the Specialized Developmental Education on the participants. Behavior Evaluation analyzes the level of changes in the behavior of Specialized
Developmental Education alumni towards the presence of National Police Intelligence, changes in the behavior of Specialized Developmental Education alumni to the development of the National Police Intelligence, and changes in the behavior of Specialized Developmental Education alumni towards the National Police Intelligence services after returning from training. Result / Impact Evaluation analyzes the improvement in morale, discipline, organizational productivity, and user satisfaction, where the participants work after attending the education and training.

In terms of time and place, the context evaluation is carried out, especially the training of policy making and the analysis of the needs of the National Police Intelligence Education Center, which is conducted before the Education and Training is held at the National Police Education and Training Center. The evaluations of Reaction, Learning, and Process are performed by and located at the National Police Intelligence Education and Training Center. The Behavior and Result / Impact Evaluations are carried out after the training is held at the workplace of each training alumnus.

The Indonesian National Police’s Intelligence Specialized Developmental Education evaluation model using an integration of Kirkpatrick and Countenance Stake is a form of education development specialization evaluation of the National Police Intelligence conducted by integrating a four-level training evaluation model from Kirkpatrick and the Countinance Stake model.
The integration of the Kirkpatrick model and the Countenance Stake model is the model proposed by researcher because based on the experience of this study, where researcher used a four-level evaluation model from Kirkpatrick, much information could not be obtained by the evaluator, specifically related to the context (pre-training), the training process, and the impact of Education and Training. Integration is done by adding 1) evaluation of the context, namely how the evaluation of the recruitment process of the intelligence officers who join the Specialized Developmental Education should be done, and 2) how to evaluate the process of Intelligence Specialized Developmental Education. In addition, the component of the result in Kirkpatrick evaluation is considered the same as the stage of impact (outcome) of the countenance stake model. The purpose of developing the National Police Intelligence Specialized Developmental Education Evaluation Model using the integration of Kirkpatrick and Countenance Stake is to (1) obtain comprehensive, accurate, and up-to-date information on the implementation of the National Police Intelligence Specialized Development Education, (2) provide inputs to the Education and Training organizers and other related parties regarding the effectiveness of the National Police Intelligence Specialized Developmental Education and how to improve its quality systematically and sustainably, and (3) guide the the Indonesian National Police Training and Evaluation team to make operational and technical guidelines in accordance with needs.

**CONCLUSION**

This study concludes the following three things: 1) Evaluation of the four stages of Kirkpatrick model on the Indonesian National Police’s Intelligence Specialized Developmental Education Batch VII Year 2018 through a quantitative approach shows a high level of effectiveness of the training; 2) The effectiveness of the National Police Intelligence Specialized Developmental Education Batch VII Year 2018 was analyzed by the process of the 10-stage training management model developed by Kirkpatrick, namely Determining needs, Setting goals, Determining subject content, Selecting participants, Determining the best schedule, Selecting the appropriate facilities, Selecting the instructors accordingly, Selecting and preparing audiovisual aids, Coordinating programs, and Evaluating programs. Through a qualitative approach, there are several problems faced, namely: a) Achievement of educational goals is not optimal, b) The training management system having been prepared in a yearly period does not yet have a strong reference, and c) Evaluation of training outcomes has not been followed up significantly, and 3) Based on the research findings, an understanding is obtained, Evaluation of the Kirkpatrick Model (2006) training program does not accommodate the evaluations of context and process. A new model is needed to evaluate an effective training program, especially for the Intelligence Specialized Developmental Education, which is comprehensive, appropriate, and in accordance with the needs. The intended model is the (Hypothetical) Evaluation of the Indonesian National Police Training Program by Integrating the Evaluation of the Kirkpatrick four-stage training program model (reaction, learning, behavior, and result) with the Countenance Stake Model (antecedents, transactions, and impacts). This model was developed based on the research on participants of the National Police Intelligence Specialized Development Education Batch VII Year 2018.
SUGGESTION

1) An effective management method through the 10 (ten) stages of Kirkpatrick model needs to be formulated operationally as one that can analyze the interrelationship between the training components;

2) A hypothetical model of Education and Training evaluation developed by researcher requires the testing and creating of need of the research instruments, and

3) The need for the development of online/ internet-based information and communication technology (ICT) is necessary to be developed both in training services and training evaluation.

REFERENCES

Abdulghani, M., H., Shaik, A., S., Khamis, N., Al-dress, A., A., Irshad, M., Khalil, S., M., Alhaqwi, I., A., & Isnani, A. (2014). Research Metodology Workshop Evaluation Using the Kirkpatrick’s Model: Translating Theory Into Practice. Informa UK ltd, Doi: 10.3109/0142159X.2014.886012.

Alipour, M., Salehi, M., & Shahnavaz, A. (2009). A study of on the job training effectiveness: Empirical evidence of Iran. International Journal of Business and Management, 4(11), 63-68.

Borate, N., Gopalkrishna, D., Shiva Prasad, H. C., & Borate, S. (2014). A case study approach for evaluation of Employee Training effectiveness and Development program. The International Journal of Business & Management, 2(6).

Caro, C. A. (2011). Predicting state police officer performance in the field training officer program: What can we learn from the cadet’s performance in the training academy?. American Journal of Criminal Justice, 36(4), 357-370.

Creswell, J. W. (2012). Research design Pendekatan kualitatif, Kuantitatif dan Mixed; Edisi Ketiga. Cetakan II. Diterjemahkan oleh: Achmad Fawaid. Yogyakarta: Pustaka Pelajar.

Devi, Rama. V., & Shaik, N. (2012). Evaluating training & development effectiveness - A measurement model. Asian Journal Of Management Research, 2 (1), 722-735.

Elnaga, A., & Imran, A. (2013). The effect of training on employee performance. European Journal of Business and Management, 5(4), 137-147.

Holton, F., Elwood. (1996). The Flawed Four-Level Evaluation Model. Human Resource Development Quarterly; Spring 1996; 7,1 : ProQuest Health Management. Hlm.5.

Kirkpatrick DL (1978), Evaluating in-house training programs. Training and Development Journal, 38, pp 32-37.

Kirkpatrick, D. L., Kirkpatrick. J. D. (2001). An Excerpt from Evaluating Training Programs: the Four Levels. Berrett-Koehler Publishers.

Kirkpatrick, D. L., & Kirkpatrick, J. D. (2006). Evaluating training programs: The four levels. Berrett-Koehler Publishers.

Kissack, H. C., & Callahan, J. L. (2009). The reciprocal influence of organizational culture and training and development programs: Building the case for a culture analysis within program planning. Journal of European Industrial Training, 34(4), 365-380.

Komariah, A., & Triatna, C. (2005). Visionary leadership menuju sekolah efektif. Jakarta: Bumi
Aksara.
Kunche, A., Puli, R. K., Guniganti, S., & Puli, D. (2011). Analysis and evaluation of training effectiveness. Human Resource Management Research, 1(1), 1-7.

Maduka, C. E. (2014). The Impact of Training in the Nigerian Police Force: A Study of Zone 9 Umuahia. The International Journal of Social Sciences and Humanities Invention, 1(5), 326-343.

Mellahi, K. (2000). Human resource development through vocational education in Gulf Cooperation Countries: The case of Saudi Arabia. Journal of Vocational Education and Training, 52(2), 329-344.

Prabawati, I., & AOktariyanda, T. (2018, January). Competency-based training model for human resource management and development in public sector. In Journal of Physics: Conference Series (Vol. 953, No. 1, p. 012157). IOP Publishing, 1-7.

Praslova, L. (2010). Adaptation of Kirkpatrick’s four level model of training criteria to assessment of learning outcomes and program evaluation in higher education. Educational Assessment, Evaluation and Accountability, 22(3), 215-225.

Rafiq, M. (2015). Training Evaluation in an Organization Using Kirkpatrick Model: a Case Study of PIA. J Entrepen Organiz Manag 4:151. Doi: 10.4172/2169-026x.1000151.

Ramadhon, S. (2016). Penerapan Model Empat Level Kirkpatrick Dalam Evaluasi Program Pendidikan Dan Pelatihan Aparatur Di Pusdiklat Migas. Swara Patra, 6(1).

Smidt, A., Balandin, S., Sigafos, J., & Reed, V., A. (2009). The Kirkpatrick Model: A Useful tool for evaluating training outcomes. Journal of Intellectual & Developmental Disability, September 2009; 34(3): 266-274. DOI: 10.1080/13668250903093125.hal. 272

Steensma, H., & Groeneveld, K. (2010). Evaluating a training using the “four levels model”. Journal of Workplace Learning, 22(5), 319-331.