

## **Design and development of integrated training systems to enhance skills Leadership in educational administration and principles of leadership in the relationship of educational institutions with communities in Ratchaburi province for education for graduate students at private universities in the Bangkok area**

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### **Abstract**

The objectives of this research are 1) to study the design and development of an integrated training system. to strengthen leadership skills in educational administration and leadership principles in the relationship of the educational institution with the community. Ratchaburi Province For education, graduate students in the Educational Administration Leadership Program. Private universities in the Bangkok area 2) To study leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities. Ratchaburi Province For studies for graduate students in the Educational Administration Leadership Program. Private universities in the Bangkok area Research that combines qualitative and quantitative research (mixed methods). There are research tools, including questionnaires, interviews, and evaluation forms. A sample group, or target group, is a graduate study program in leadership in educational administration. Private universities in the Bangkok area There were a total of 1,152 people. The sample was drawn by purposive random sampling. Sampling) of 100 people, then the data collected from the questionnaire was analyzed using descriptive statistics consisting of percentage, mean, and standard deviation. Let's explore the content analysis (test) and then use the information gathered from documents, literature, and interview forms. The research results found that 1) the development of graduate studies in the leadership curriculum in educational administration Private universities in the Bangkok area for education After the training, the participants had higher training scores

than before. 2) Development of leadership skills in educational administration and leadership principles in the relationship between educational institutions and communities. The overall education is at a good level.

**Keywords:** integrated training system; leadership skill; educational administration; graduate study; educational leadership curriculum

## Background and Significance

Leadership in educational institution-community relations It's an important skill. in building relationships between educational institutions and communities, with an emphasis on public relations. Educational and vocational services are used. Collaboration between educational institutions and the educational community and community development, especially using local potential and wisdom to develop the quality of education, Problems in the relationship between educational institutions and the community and public relations Using the principles of public relations and public relations psychology, as well as applying research results to community development and organizational public relations,.

Education is a very important process in developing people to have quality. Bunchom Srisa-at et al. ( 2015) and have the ability to adapt knowingly to changes in the era of globalization. Luan Saiyot and Angkana Saiyot ( 2000) Educational management should be arranged in a way that is appropriate to the economic, social, and political Educational management should be arranged in a way that is appropriate to the economic, social, political (World Training Company Limited , 2020), and cultural needs of the country. Anant Pramathikul , Worapongpat., and N. (2023) can create progress for Thai society and make education A process that will help improve the quality of life of Thai people by following the desired guidelines. which gives importance to human development, is the main destination. Because we are aware of the importance of human development and the quality of people, Amnat Chaiyasong , Tasana Prasarntree, and Sumalee Sriputtarin . (2022) argue that people are both the most important factor and the result of national development. It aims to develop life to be a complete human being in terms of body, Bell, B., & Gilbert, J. (1994). Bybee, R. W. (2014). Intellect, mind, and society. It is a wisdom-based society. Budsakorn Srimora, Jutharat Nirundorn, Thansaya Thassopon, and Worapongpat N. (2022) and learning Have the characteristics of being broad-minded, thinking far, Buamanee , A., Soontorn , TN, and Suwannasarn , C. (2023), pursuing good self-discipline, Chongwen, G., and Worapongpat, N. (2020) are eager and always ready to learn. Dongling, Z., & Worapongpat, N. (2023). The teacher plays an enormous role in education. Sasipimon Prapinongsakorn , Siri Wat Na Kaewprasong , and Rattama Rattanawongsa. ( 2018) Teachers are an important factor in driving education towards the final goal. Jianzh, X., and Worapongpat., N. (2020). That is the development of student learning. Producing and developing teachers (teacher education and professional development) to have the potential to lead to student development is therefore something in which educators are interested. In developing teachers to have knowledge, Jeerawut Kokyai , Chusak

Ekaphet , and Natjaree Charoensuk. (2022) abilities and skills appropriate to their work. Kittichet Aksorn. (2015) to create potential according to that purpose. Teachers should be developed to cover all three aspects: personal, social, and Min, Y., & Worapongpat, N. (2023) and professional development In addition to skill development, Ning, L., Worapongpat, N., Woongkumchai, T., Zidi, X., Jiewei, W., and Mingyu, Z. (2023): concepts, principles, theories, processes, Natthaphon Phamornkanase Wit and Nittaya Wong Phi Nanwattana. (2018) and important skills in building relationships between educational institutions and communities with emphasis on public relations Educational and vocational services are used. Collaboration between educational institutions and the educational community and community development TianShu, M., Worapongpat., N. (2022), Thanabadi Son Sa Khu , and Phachara Wit Chan Siri Siri (2022), in particular, Using local potential and wisdom to improve the quality of education Problems in the relationship between educational institutions (Wachira Bunsan, 1994) and the community and public relations Using the principles of public relations and Worapongpat, N. (2023): psychology, as well as applying research results to community development and organizational public relations Worapongpat, N., Wongkumchai, T., Saikhham, S., and Boonchuay, P. (2023)

This research article presents Designing and developing a training system to strengthen relationships between educational institutions and communities. Choti Wongso, Bhasabutr, and P. (2023) have the purpose of bringing the potential and local wisdom to use in developing the quality of education. Worapongpat., N. (2023) For education for teachers and graduate studies at private universities in the Bangkok area School groups and the Ratchaburi Province community, Worapongpat., N., Phakamach., P., Choothong., R., Tuachob, S. (2020), Rai Sukjai community, Worapongpat., N. (2023), and to study the problem of relationships between educational institutions and communities and public relations. To obtain a training system that is appropriate for teachers and graduates of private universities in the Bangkok area. It also encourages trainees to use the principles of public relations and public relations psychology. Maneeploypairin Pitchapo , Worapongpat., N. (2024), as well as the use of research results in community development and organizational public relations, Venus Rungrachana , Worapongpat., and N. (2023), which is a guideline to strengthen leadership skills in educational administration and principles of leadership. Xunan, L., & Worapongpat, N. (2023) Leader in the relationship of educational institutions with communities in Ratchaburi Province, Zi Yun, H., and Worapongpat, N. (2023), Rai Sukjai Community, by creating teaching media together with the community. at the national and international level. Teachers and personnel, graduate studies, and private universities in the Bangkok area To keep up with the changes in the 21st decade.

## Objectives

1. To study the design and development of an integrated training system. To strengthen leadership skills in educational administration and leadership principles in the relationship of educational institutions

with communities in Ratchaburi Province, Rai Sukjai Community, for education for graduate students in the Educational Administration Leadership Program. Private universities in the Bangkok area

2. To study skills Leadership in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi province, Rai Sukjai community, for education for graduate students in the Leadership in Educational Administration curriculum. Private universities in the Bangkok area

## Literature Review

Kanda, K., Thadatontichok, T., & Yuenyaw, P. (2023). The academic leadership of school administrators affects the professional learning community of teachers under the Office of Primary Education Service Area. Study Samut Sakhon. The Journal of Institute of Trainer Monk Development, 6(1), 15-27. It was found that enhancing the academic atmosphere Teacher competency development efficiency of teaching and learning management and academic excellence Support and shared leadership Favorable conditions Exchange of knowledge between people creative collection and setting of shared vision and values Strengthening the academic atmosphere and development of teacher competencies Affects being a community of professional learning of teachers

Winaithorn. W. (2021). The Training Curriculum Development to Promote Capacity of Community Service Activities Design Based on the Service Learning for Bangkok Metropolitan Teachers. Training curriculum developed. High field efficiency according to specified criteria Teachers have developed the ability to design activities for society and the public benefit according to the concept of learning with high social and community service.

## Research Conceptual framework

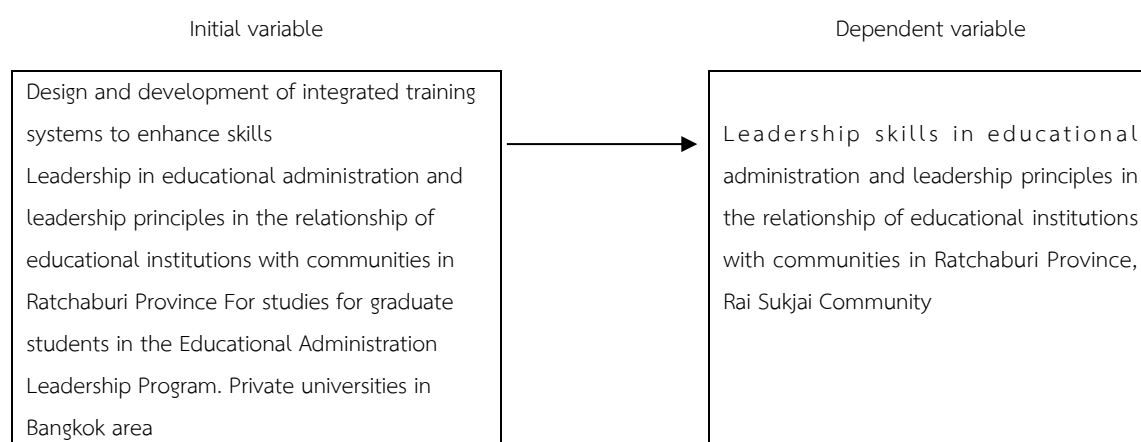


Figure 1 Research Conceptual Framework

## Methods

This research is a research that combines qualitative and quantitative research (Mixed Methods) / Qualitative Research (Qualitative Research) / Quantitative Research (Quantitative Research). The research methods are as follows: 1. Population and sample groups in the research include:

### 1. Population includes

1.1 Population includes graduates of the Educational Administration Leadership Program. Private universities in Bangkok area Total people: 1,152 people, semester 1, academic year 2026

1.2 The sample group includes graduates of the Educational Administration Leadership Program. Private universities in Bangkok area Total people: 1, 152 people, Semester 1, academic year 2023 Number of 100 people, the sample was obtained by random sampling (Cluster Random Sampling) using graduate studies. Educational Administration Leadership Course Private universities in the Bangkok area, the number of which the sample was obtained by purposive sampling (Sampling)

2. Research tools include 1) Interview form 2) Questionnaire 3) Others Quantitative sample Questionnaire consists of part 1: Strengthening leadership skills in educational administration and principles of leadership. Leader in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community It is a rating scale of 5 levels and part 3 is opinions and opinions of the training. for education Satisfaction assessment of the training system in building leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community Other suggestions are open-ended and the researcher has brought questionnaires to determine the quality of the tools, including 1) bringing the questionnaire to meet with a consultant and proceeding with improvements and corrections according to the recommendations; 2) bringing the questionnaire that Revised and revised and presented to 3 experts to check the consistency of the content by finding the consistency of the objectives with the questions ( Index of Item–Objective Congruence: IOC) ( Luan Saiyot and Angkana Saiyot , 2000 , p. 249) found that the IOC value was between 0.80–1.00 and 3) testing the tool with a non-sample population of 30 sets, with the evaluation results having discriminatory power between 0.25–0.75 and finding the confidence value of the questionnaire using Cronbach 's method. (1951, p.274; Cited in Bunchom Srisa-at, 2015) which the confidence evaluation results have a confidence value of 0.95.

3. Data collection includes collecting data from 1) Primary Data is information obtained from in-depth interviews with target groups and using questionnaires. 2) Secondary Data is information. Obtained from collecting information from various documents such as books, textbooks, academic documents, research and related electronic media, etc.

4. Data analysis includes data analysis divided into 2 parts: 1) qualitative data analysis By using the information obtained from in-depth interviews with the target group and collecting various documents to analyze in terms of content (Content Analysis) 2) Quantitative data analysis By taking the data obtained

from the distribution of questionnaires and analyzing them using a statistical program to find the value of variance or one-way analysis of variance or testing ( t-test).

5. Statistics used in the research include the mean ( $\bar{x}$ ) and standard deviation ( SD) and comparison by t-test.

## Results

From objective 1. To study the design and development of an integrated training system. To strengthen leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community, for education for graduate students in the Educational Administration Leadership Program. Private universities in the Bangkok area

Table 1 Results of the evaluation of graduate training in the Educational Administration Leadership Program. Private universities in the Bangkok area to build leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities. Ratchaburi Province Rai Sukjai Community before training and after training

| Score                       | Average score ( $\bar{x}$ ) | Standard deviation (SD ) |
|-----------------------------|-----------------------------|--------------------------|
| Before training             | 4.90                        | 1.07                     |
| After training              | 8.75                        | 0.85                     |
| Rate of increase / decrease | +3.85                       | 1.42                     |

From Table 1 It was found that the average score after receiving the training was higher than before the training. Graduate Program in Educational Administration Leadership Private universities in the Bangkok area Each person will have different scores when comparing scores before and after training, which will improve accordingly. Scores of graduate students in the Leadership in Educational Administration program at Private universities in the Bangkok area Most are satisfactory even though there are a few changes.

Table 2 Results of measurement of leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities. Ratchaburi Province, Rai Sukjai Community for Education

| Score                 | Average score ( $\bar{x}$ ) | Standard deviation (SD ) |
|-----------------------|-----------------------------|--------------------------|
| creativity            | 3.65                        | 0.75                     |
| suitability of format | 3.55                        | 0.51                     |
| Using techniques      | 3.45                        | 0.51                     |

|                       |       |      |
|-----------------------|-------|------|
| Integrity of the work | 3.55  | 0.51 |
| Submit work on time   | 4.25  | 0.64 |
| together              | 18.45 | 2.33 |
| level                 | good  |      |

From Table 2 It was found that leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities Ratchaburi Province, Rai Sukjai Community for education Overall, it was at a good level (  $\bar{x}$  = 18.45, SD = 2.33 ).

From objective 2. To study leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi province, Rai Sukjai community, for education for graduate students in the educational leadership curriculum. Private universities in the Bangkok area

Table 3 shows the mean and standard deviation of the opinions on graduate training and the development of integrated training systems to strengthen leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities. Ratchaburi Province, Rai Sukjai Community, for education for graduate students. Private universities in the Bangkok area

| Leadership skills in educational administration and leadership principles in the relationship of the educational institution with the community. Ratchaburi Province, Rai Sukjai Community | $\bar{x}$ | SD   | Interpret results |
|--|-----------|------|-------------------|
| 1. Reaction side   |           |      |                   |
| (1) Academics have an opportunity to ask questions and express opinions.   | 4.80      | 0.52 | Highest           |
| (2) The format of the training is appropriate.   | 4.30      | 0.73 | Highest           |
| (3) The lecturer has prepared and planned. and readiness   | 4.80      | 0.41 | Highest           |
| including side reactions   | 4.63      | 0.56 | Highest           |
| 2. Learning outcomes   |           |      |                   |
| (1) Have knowledge and understanding in designing learning media for education.  | 4.75      | 0.44 | Highest           |
| (2) Learning media is diverse . Modern, consistent with training content and activities  | 4.80      | 0.52 | Highest           |
| (3) Training materials help participants Training to understand and be able to follow the activities   | 4.80      | 0.41 | Highest           |

|  |           |      |                   |
|--|-----------|------|-------------------|
| Leadership skills in educational administration and leadership principles in the relationship of the educational institution with the community. Ratchaburi Province, Rai Sukjai Community | $\bar{X}$ | SD   | Interpret results |
| Total learning outcomes  | 4.78      | 0.46 | Highest           |
| 3. Behavioral aspect   |           |      |                   |
| (1) Have the skills to creatively design learning management activities within the classroom.  | 4.35      | 0.81 | Highest           |
| (2) Have skills in teaching diverse and systematic thought processes.  | 4.40      | 0.88 | Highest           |
| (3) Have skills in educational planning for the classroom and community  | 4.60      | 0.50 | Highest           |
| Total behavioral aspects   | 4.45      | 0.73 | Highest           |
| 4. Result side   |           |      |                   |
| (1) Have creativity and have the ability to use community connections with educational institutions  | 4.70      | 0.47 | Highest           |
| (2) Have confidence and be able to put the knowledge gained into practice.   | 4.55      | 0.51 | Highest           |
| (3) There is an exchange of learning within the group of teachers and personnel who attend the training.   | 4.65      | 0.49 | Highest           |
| Total side results   | 4.63      | 0.49 | Highest           |
| together   | 4.63      | 0.56 | Highest           |

From Table 3 It was found that the majority of respondents had overall opinions at the highest level (  $\bar{X}$  = 4. 63, SD = 0.56 ) when considering each aspect. Can be summarized as follows.

Regarding reactions, it was found that the majority of respondents had overall opinions at the highest level (  $\bar{X}$  = 4.63, SD = 0.56 ) with the respondents' first opinion being that the lecturer provided an opportunity to ask questions and express opinions, with the highest level of opinion (  $\bar{X}$  = 4.80, SD = 0.5 2 ) Second is that the lecturer has preparation, planning, and readiness. has the highest level of opinion (  $\bar{X}$  = 4.80, SD = 0. 41 ) and the format of the training is appropriate has the highest level of opinion (  $\bar{X}$  = 4.30, SD = 0. 73 ) respectively

Learning outcomes It was found that the majority of respondents had overall opinions at the highest level (  $\bar{X}$  = 4.78, SD = 0.46 ) with respondents' first opinion being that the learning media and samples are diverse, up-to-date, consistent with the content and training activities, with the highest level of opinion (  $\bar{X}$  = 4.80, SD = 0.5 2 ) Second is the training media that helps participants. Training to understand and be able



to follow the activities has the highest level of opinion ( $\bar{x} = 4.80$ ,  $SD = 0.41$ ), and having knowledge and understanding in learning as well for education has the highest level of opinion ( $\bar{x} = 4.75$ ,  $SD = 0.44$ ) respectively

Behavioral It was found that the majority of respondents had overall opinions at the highest level ( $\bar{x} = 4.45$ ,  $SD = 0.73$ ) with the respondents' first opinion being that they have leadership skills in educational administration and leadership principles in the relationship of the educational institution with the community. Ratchaburi Province, Rai Sukjai community has the highest level of opinions ( $\bar{x} = 4.60$ ,  $SD = 0.50$ ) Second is having the skills to teach diverse and systematic thought processes. has the highest level of opinion ( $\bar{x} = 4.40$ ,  $SD = 0.88$ ) and has design skills Creative learning management activities within the classroom have the highest level of opinion ( $\bar{x} = 4.35$ ,  $SD = 0.81$ ) respectively

Result side It was found that the majority of respondents had overall opinions at the highest level ( $\bar{x} = 4.63$ ,  $SD = 0.56$ ) with the respondents' first opinion being that they have creativity. and have the ability to know and increase understanding has the highest level of opinion ( $\bar{x} = 4.70$ ,  $SD = 0.47$ ) Second, there is an exchange of learning within the training group. has the highest level of opinion ( $\bar{x} = 4.65$ ,  $SD = 0.49$ ) has confidence, and can put the knowledge gained into practice the highest level of opinion ( $\bar{x} = 4.55$ ,  $SD = 0.51$ ) respectively

Of applying knowledge in learning management, it was found that the majority of respondents were overall satisfied at the highest level ( $\bar{x} = 4.53$ ,  $SD = 0.74$ ), with the first satisfaction of respondents being satisfied with learning management. Satisfaction at the highest level ( $\bar{x} = 4.80$ ,  $SD = 0.41$ ) Second is being able to apply the knowledge gained in teaching. Satisfaction at the highest level ( $\bar{x} = 4.50$ ,  $SD = 0.83$ ) Have confidence and be able to put the knowledge gained into practice. Satisfaction at the highest level ( $\bar{x} = 4.40$ ,  $SD = 0.88$ ) and ability to disseminate/transfer/teach knowledge with a high level of satisfaction ( $\bar{x} = 4.40$ ,  $SD = 0.82$ ) respectively.

Conclusion, the research results found that an integrated training system strengthens leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province. For education for graduate students' Private universities in the Bangkok area To make education for graduate students more efficient, the average score after receiving the training was higher than before the training. Each graduate student will have different scores when comparing scores before and after training, which will improve accordingly. Moreover, the research results found that Leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province For education for graduate students Private universities in the Bangkok area are confident and able to put the knowledge gained into practice. and can distribute knowledge/transfer/teach and gain knowledge and understanding after training

## Discussions

Results from research objective 1 found that graduate students who attended the training had leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community. For education for graduate students at private universities in the Bangkok area highest level is because the training participants had significantly higher training scores after the training than before the training at the .05 level, consistent with the research of (Chakchum. C, 2018) and (Woraphongphat. N, 2023 ) Study on innovation management and educational technology, Unplugged Coding learning on zoo tourism. According to the 5-step learning cycle (5 E) of 4th-grade students at Ban Pa Phlu School, Lamphun Province, and studied the development of a training curriculum according to the concept of blended learning. To strengthen teachers' competencies in the use of information technology. and communication in learning management. It was found that the trainees had competency in using technology. Information and communication in learning management After the training was significantly higher than before the training at the .05 level.

Results from research objective 2 found that the results of using graduate studies were at a good level. This may be because the lecturer has skills. Combined to strengthen leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community For education for graduate students Private universities in Bangkok area Overall, it is at a good level, consistent with (Chaiyasong. A. et al., 2022) and (Woraphongphat. N. et al., 2023) study on innovation management and educational technology, Unplugged Coding learning on travel. zoo According to the 5-step learning cycle (5 E) of 4th grade students at Ban Pa Phlu School, Lamphun Province. Studying teachers' digital skills that affect classroom management in the 21st century in educational institutions under the Nakhon Phanom Secondary Educational Service Area Office, it was found that teachers' digital skills Overall at a high level, found to be significantly different at the .05 level.

## Body of Knowledge

From the study of the design and development of an integrated training system. To strengthen leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province. For education for graduate students' Private universities in the Bangkok area have found knowledge that can be summarized. Can be a diagram

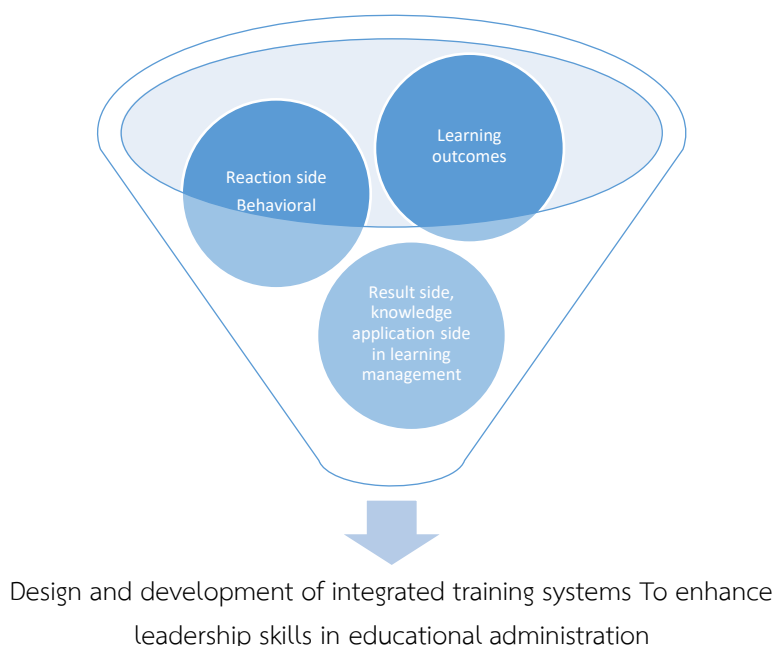


Figure 2 shows the design and development of an integrated training system. To enhance leadership skills in educational administration

From diagram 2, it is shown that the design and development of an integrated training system to strengthen leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community, for education for graduate students in the Educational Administration Leadership Program. Private universities in the Bangkok area to achieve results include reaction. , Learning results , Behavior aspect, Results aspect, Knowledge application aspect in learning management. After taking the before and after test.

## Suggestions

### 1. Suggestions for applying research results

1.1 Results from research objective 1 found that teachers and personnel who received training had leadership skills in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province, Rai Sukjai Community, at a good level. Therefore, relevant agencies should take action. Develop teachers and personnel to Attend training Teaching media creation skills for education continuously

1.2 Results from research objective 2 found that the results of using the design and development system using leadership in educational administration and leadership principles in the relationship of educational institutions with communities in Ratchaburi Province. at a good level Therefore, relevant agencies should conduct teaching and learning using Canva for education. and classroom management

### 2. Suggestions for next research

This research has found findings regarding integrated design and development systems. To enhance

skills in the relationship of educational institutions with surrounding provincial communities for education. Can be applied to creating media, teaching innovations, and classroom management. You should continue to focus on creative leadership skills.

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