



APPENDICES

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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APPENDIX A
List of Experts

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List of Experts in examining the research instruments

Stage 1 Examining the current condition and the needs in the research management assessment for private universities. To qualified check on research instruments were implemented by three experts in research management and the evaluation of the Content Validity Check was approved by three experts as follows.

1. Associate Professor Anake Chitkesorn Payap University
2. Associate Professor Sompong Boonlert, Chiang Mai Rajabhat University
3. Ven.Phraekhru Pipitsutathon, Mahachulalongkornrajavidyalaya University, Chiang Mai Campus

Stage 2 Analyzing the factors and indicators relating to the research managementfor private universities. To qualified check on research instruments were implemented by the experts in research management and the evaluation of the Content Validity Check was approved by seven experts below.

1. Professor Dr. Sanchai Jaturasitha, Chairman of Upper Northern Research Administration Network
2. Ven.Phraekhru Pipitsutathon, Mahachulalongkornrajavidyalaya University, Chiang Mai Campus
3. Associate Professor Anake Chitkesorn,Office of Research, Payap University
4. Professor Dr. Rux Prompalit, Payap University
5. Associate Professor Dr. Veerawan Wongpinpech, Chiang Mai University
6. Dr. Tidti Tidtichumrernporn, Payap University
7. Mrs. Peena Jantakaew Director of Information System for Quality Assurance Office, Payap University

Stage 3 Generating and monitoring the quality of the research management assessment model for private universities. To qualified check on research instruments were implemented by the experts in research management and the evaluation of the Content Validity Check was approved by five experts.

1. Ven.Phraekhru Pipitsutathon, Mahachulalongkornrajavidyalaya University, Chiang Mai Campus
2. Associate Professor Sompong Boonlert, Chiang Mai Rajabhat University
3. Associate Professor Dr. Veerawan Wongpinpech, Chiang Mai University

4. Dr. Tidti Tidtichumrernporn, Division of Research and Academic Administration, Payap University
5. Associate Professor Anake Chitkesorn, Office of Research, Payap University

Stage 4 Examining the result of research management assessment model for private universities. To qualified check on research instruments were implemented by the experts in research management and the evaluation of the Content Validity Check was approved by the following three experts.

1. Professor Dr. Sanchai Jaturasitha, Chairman of Upper Northern Research Administration Network
2. Associate Professor Sompong Boonlert, Chiang Mai Rajabhat University
3. Dr. Tidti Tidtichumrernporn, Division of Research and Academic Administration, Payap University



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APPENDIX B
Research Instruments

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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RESEARCH INSTRUMENTS

Stage 1

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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Questionnaire on Current Conditions and Needs for Assessment of Research Management for Private Universities

Instructions

This questionnaire aims to inquire about your opinions about current conditions and needs for assessment of research management for private universities. The questionnaire breaks into 3 sections: Section 1 Personal Information; Section 2 Current conditions and Needs for Assessment of Research Management for Private Universities subdivided into the areas of 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) Research network 10) systems and supporting protocols such as motivation etc. Section 3 Additional Suggestions for Assessment of Research Management for Private Universities.

Rubrics for the questionnaire

- 1 means practitioner level/ requirement level is in the “least” level
- 2 means practitioner level/ requirement level is in the “low” level
- 3 means practitioner level/ requirement level is in the “moderate” level
- 4 means practitioner level/ requirement level is in the “high” level
- 5 means practitioner level/ requirement level is in the “highest” level

I would like you to take into consideration the present conditions, problems or difficulties found and the needs for assessment of research management for private universities, and please decide at what level they currently are.

Your contribution is sincerely appreciated.

Miss Kanyarat Eumumporn

Ph.D.Candidate ID: 530252002

Department of Educational Research and

Development,

Faculty of Education, Chiang Mai University

Instruction Tick ✓ in the as your factual information

Section 1 General Information of the respondents

1. Sex 1. Male 2. Female
2. Age Year(s)
3. Highest Education
 - 1. Bachelor degree/ Undergraduate
 - 2. Master degree/ Graduate
 - 3. Master degree/ Graduate
 - 4. Others (pleas identify)
4. University you are under
 - 1. Bangkok University 6. Dhurakijpundit University
 - 2. Payap University 7. Rangsit University
 - 3. Sripatum University 8. Southeast Asia University
 - 4. Assumption University 9. The University of the Thai Chamber of Commerce
 - 5. Siam University 10. Chiew Chalermprakiet University
5. Working Position
 - 1. Policy Level
 - 1.1 Policy Level for Academic Affairs
 - 1.2 Vice-Rector for research Division
 - 1.3 Director for Research Division
 - 2. Practitioner Level which were researchers
 - 3. Coordinator Level consisting of personnel in Research Division
6. Year of working in the present private university..... Year
7. Have you experienced in research management?
 - 1. Yes (continue Q.8) 2. No
8. If yes, year of experience year(s)

Section 2 Current conditions and Needs for Assessment of Research Management for Private Universities

2.1 Purpose of Assessment

For the purpose of assessment in the research management, how much can the current conditions and the needs of the assessment be found?

| Factor of Research Management | Current Condition of Assessment | | | | | Needs of Assessment | | | | |
|--|---------------------------------|---|---|---|---|---------------------|---|---|---|---|
| | The performance level | | | | | Requirement Level | | | | |
| | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| 1. Setting purpose in assessment of policy and research plan | | | | | | | | | | |
| 2. Setting purpose in assessment of structure and research organization management | | | | | | | | | | |
| 3. Setting purpose in assessment of research budgets | | | | | | | | | | |
| 4. Setting purpose in assessment of research personnel | | | | | | | | | | |
| 5. Setting purpose in assessment of research materials and facilities | | | | | | | | | | |
| 6. Setting purpose in assessment of production and controlling quality of research | | | | | | | | | | |
| 7. Setting purpose in assessment of follow-up and evaluation | | | | | | | | | | |
| 8. Setting purpose in assessment of research publishing and application | | | | | | | | | | |
| 9. Setting purpose in assessment of research network | | | | | | | | | | |
| 10. Setting purpose in assessment of systems and supporting protocols | | | | | | | | | | |

2.2 subject of assessment

2.3 assessor

2.4 assessment method

2.5 indicators of assessment

2.6 assessment criteria

2.7 giving feedback

Section 3 Additional Suggestions for Assessment of Research Management
for Private Universities

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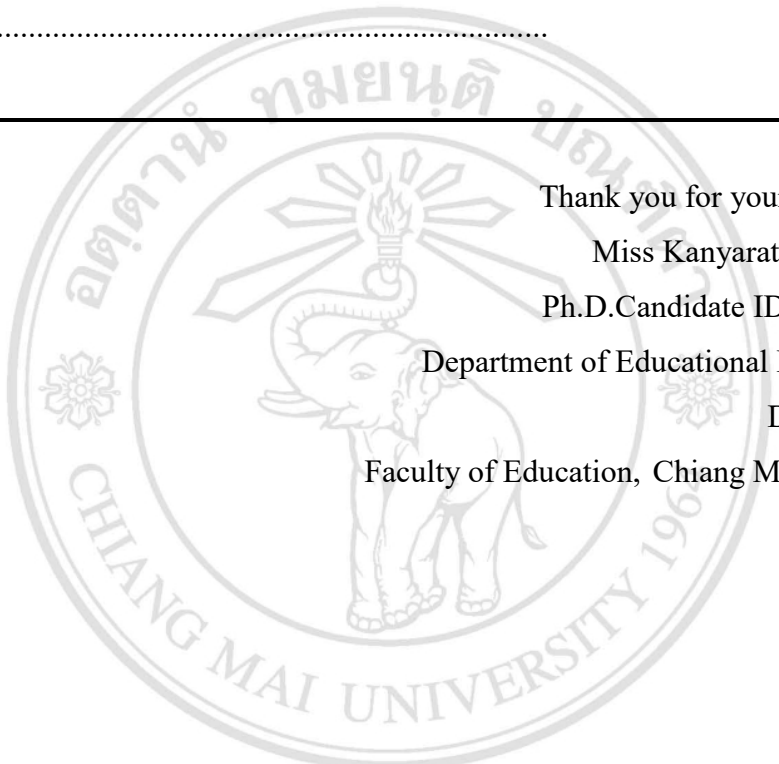
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Thank you for your cooperation
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RESEARCH INSTRUMENTS

Stage 2

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Interview Form
Development of Factors and Indicators of the Assessment of
Research Management for Private Universities

Instructions

This interview form aims to develop factors and indicators of the assessment of research management for private universities. Having reviewed related research studies, the assessment factors include the following: 1) purpose of assessment 2) subject of assessment 3) assessor 4) assessment method 5) indicators of assessment 6) assessment criteria and 7) giving feedback. Also, 10 factors of research management were: 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) research network and 10) systems and supporting protocols such as motivation etc.

Your contribution is sincerely
appreciated.

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Instruction: Please express the opinions toward the development of factors and indicators of the assessment of research management for private universities.

Respondent

Working Position

- 1. Policy Level
 - 1.1 Policy Level for Academic Affairs
 - 1.2 Vice-Rector for research Division
 - 1.3 Director for Research Division
- 2. Practitioner Level which were researchers
- 3. Coordinator Level consisting of personnel in Research Division
- 4. Others (please identify)

Have you experienced in research management?

- 1. Yes (continue Q.8)
- 2. No

If yes, year of experience year(s)

Question 1 From the following factor, do you think the propriety can be found? If not, what else should be added?

- 1) policy and research plan
- 2) structure and organization management
- 3) research budgets
- 4) research personnel
- 5) research materials and facilities
- 6) production and controlling quality of research
- 7) follow-up and assessment
- 8) research publishing and application
- 9) research network
- 10) systems and supporting protocols such as motivation etc.

Question 2 In aspect of the policy and research plan, which indicator is appropriate for the research management assessment?

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Question 3 In aspect of the structure and organization management, which indicator is appropriate for the research management assessment?

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Question 4 In aspect of the research budgets, which indicator is appropriate for the research management assessment?

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Question 5 In aspect of the research personnel, which indicator is appropriate for the research management assessment?

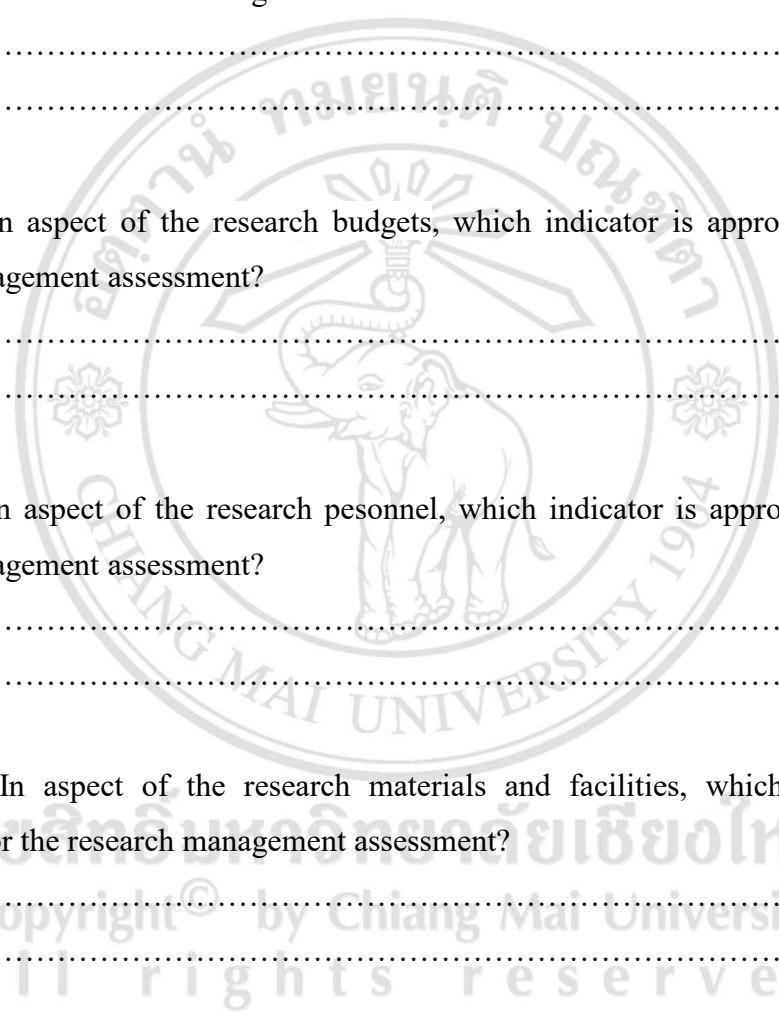
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Question 6 In aspect of the research materials and facilities, which indicator is appropriate for the research management assessment?

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Question 7 In aspect of the production and controlling quality of research, which indicator is appropriate for the research management assessment?

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Question 8 In aspect of the policy and research plan, which indicator is appropriate for the research management assessment?

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Question 9 In aspect of the publishing, publicizing and application, which indicator is appropriate for the research management assessment?

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Question 10 In aspect of the Research network, which indicator is appropriate for the research management assessment?

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Question 11 In aspect of the systems and supporting protocols such as motivation etc., which indicator is appropriate for the research management assessment?

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Question 12 Additional suggestions

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Your contribution is sincerely appreciated.

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Questionnaire for Experts

Development of indicators of Research Management for Private Universities

Instructions

This questionnaire aims to inquire about the experts' opinions for developing indicators of research management for private universities. Factors of research management: 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) research network 10) systems and supporting protocols such as motivation etc.

I would like you to respond to the questionnaire by making a tick (√) in the space next to each question under +1 if you find it consistent with the research objectives, under 0 if you are not certain, and under -1 if you find it not relevant to the research objectives. In case you would like to propose additional indicators and/or to offer any suggestions, please write them in the Section 3 Additional Suggestions.

Your contribution is sincerely appreciated.

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Section 1 Opinion toward indicators of the research management for private universities

| Factor of research management | Indicator | The opinion from the expert | | | |
|--|---|-----------------------------|---|----|------------|
| | | -1 | 0 | +1 | Suggestion |
| 1. policy and research plan | 1.1 The policy and research plan corresponding with the policy and national research strategies | | | | |
| | 1.2 The policy and research plan responding to both internal and external budget resources | | | | |
| | 1.3 Setting policy and research plan which is clear and practicable | | | | |
| | 1.4 Setting policy and research plan from participation among interested persons | | | | |
| | 1.5 Creating the research plan according to the cycle of PDCA | | | | |
| | 1.6 A research plan promoting and supporting the university visions | | | | |
| | 1.7 A working plan corresponding with the research of the universities | | | | |
| Additional suggestion for what the expert needs | | | | | |
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Thank you for your cooperation
Kanyarat Eumuporn

Questionnaire for Experts

Opinions towards Indicators of Research Management for Private Universities

Instructions

This questionnaire aims to inquire about the experts' opinions towards indicators of research management for private universities. Factors of research management incorporate 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) Research network and 10) systems and supporting protocols such as motivation etc.

Section 1: Opinions about the suitability of the indicators of research management for private universities.

Please make a tick (✓) in the space under the propriety level in each item.

- 1 Opinions that indicators having propriety in a “Lowest” level
- 2 Opinions that indicators having propriety in a “Low” level
- 3 Opinions that indicators having propriety in a “Moderate” level
- 4 Opinions that indicators having propriety in a “High” level
- 5 Opinions that indicators having propriety in a “Highest” level

Your contribution is sincerely appreciated.

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Instruction Tick ✓ in the as your factual information

Section1: What level is your opinion about the feasibility of the indicators of research management for private universities.

| Factor of research management | Indicator | Opinion toward the indicator | | | | |
|------------------------------------|--|------------------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 1. policy and research plan | 1.1 The policy and research plan corresponding with the policy and national research strategies | | | | | |
| | 1.2 The policy and research plan responding to both internal and external budget resources | | | | | |
| | 1.3 Setting policy and research plan which is clear and practicable | | | | | |
| | 1.4 Setting policy and research plan from participation among interested persons | | | | | |
| | 1.5 Creating the research plan according to the cycle of PDCA | | | | | |
| | 1.6 A research plan promoting and supporting the university visions | | | | | |
| | 1.7 Research plans can continuously drive the young researcher's development | | | | | |
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Thank you for your cooperation
Kanyarat Eumuporn



RESEARCH INSTRUMENTS

Stage 3

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Questionnaire for Experts to Examine the Effectiveness of the Assessment Model of Research Management for Private Universities

Instructions

This questionnaire aims to seek the experts' opinions in order to examine the effectiveness of the assessment model of research management for private universities. The effectiveness includes 4 standards of 1) utility, 2) feasibility, 3) propriety and 4) accuracy.

The questionnaire appraises how effective the assessment model of research management for private universities is. Please make a tick ✓ in the space under the effectiveness level in each item.

- 1 indicators of efficiency were found in a “Lowest” level
- 2 indicators of efficiency were found in a “Low” level
- 3 indicators of efficiency were found in a “Moderate” level
- 4 indicators of efficiency were found in a “High” level
- 5 indicators of efficiency were found in a “Highest” level

Your contribution is sincerely appreciated.

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Instruction Tick ✓ in the as your factual information

How effective is the assessment model of research management for private universities?

| Quality of the Assessment | Indicator | Level of efficiency | | | | |
|---------------------------|--|---------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 1. Unity | 1.1 The model of the assessment is beneficial to the overall assessment of the research management | | | | | |
| | 1.2 The assessors are skillful in assessment and be acceptable and reliable experts | | | | | |
| | 1.3 The assessment model in data collection covers the information from several resources | | | | | |
| | 1.4 The criteria of assessment model can be classified deliberately and clearly | | | | | |
| | 1.5 The assessment report of the information is clear and understandable. | | | | | |
| | 1.6 Report of assessment can be completed in time in application. | | | | | |
| | 1.7 The assessment can be applied for the information users for the working adjustment and continuous development. | | | | | |
| 2. Feasibility | 2.1 The model can be organized for real condition. | | | | | |
| | 2.2 The assessment model can be cooperated by the persons interested. | | | | | |
| | 2.3 The assessment model is valuable for the resources of assessment. | | | | | |
| 3. Propriety | 3.1 The assessment emphasizes the organization giving service for the users throughoutly and efficiently. | | | | | |
| | 3.2 The agreement of assessemtn was officially admitted between the assessors and the people being assessed | | | | | |

(CONTINUED)

| Quality of the Assessment | Indicator | Level of efficiency | | | | |
|---------------------------|---|---------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| | 3.3 The assessment is organized to protect the people being assessed | | | | | |
| | 3.4 The assessment can be provide with the friendship under the respect of the honors and the equal human rights. | | | | | |
| | 3.5 The assessment report shows the strengths and weakness with fairness and completeness | | | | | |
| | 3.6 The assessment report can be frankly revealed for the information users. | | | | | |
| | 3.7 The assessment can be solved the conflicts of assessment with fairness. | | | | | |
| | 3.8 The assessment can be organized with appropriate resources and the assessment methods. | | | | | |
| 4. Accuracy | 4.1 The assessment model is compiled in a form of documents and with the clear description. | | | | | |
| | 4.2 The assessment is clearly analyzed the context of the subject of the assessment | | | | | |
| | 4.3 Purpose and method of assessment are determined clearly. | | | | | |
| | 4.4 The assessment clearly identifies the information resources. | | | | | |
| | 4.5 The assessment gives the factual information. | | | | | |
| | 4.6 The assessment gives the factual result. | | | | | |
| | 4.7 The assessment collects, analyzes and reports the information systematically. | | | | | |
| | 4.8 The assessment is analyzed the quantitative data with the appropriate methodology and affected to the accurate and efficient results. | | | | | |

(CONTINUED)

| Quality of the Assessment | Indicator | Level of efficiency | | | | |
|---------------------------|--|---------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 4. Accuracy | 4.9 The assessment is analyzed the qualitative data with the appropriate methodology and affected to the accurate and efficient results. | | | | | |
| | 4.10 The summary of the assessment is reasonably provided by people interested | | | | | |
| | 4.11 The assessment report is clear and can reflects the finding out of the assessment fairly. | | | | | |
| | 4.12 The assessment report is clear and can reflects the finding out of the assessment fairly. | | | | | |

Thank you for your cooperation
Kanyarat Eumuporn

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Scale for Assessing Research Management for Policy Level

Instructions

This scale aims to assess the research management for private universities. Factors of research management incorporate 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) research network and 10) systems and supporting protocols such as motivation etc.

I would like you to assess how effective the research management of private universities is. Please make a tick ✓ in the space under the effectiveness level in each indicator. In case you would like to offer any suggestions, please write them in the Section 3 Additional Suggestions.

- 0 indicators of research management were not performed
- 1 indicators of research management were performed in the “Lowest” level
- 2 indicators of research management were performed in the “Low” level
- 3 indicators of research management were performed in the “Moderate” level
- 4 indicators of research management were performed in the “High” level
- 5 indicators of research management were performed in the “Highest” level

Your contribution is sincerely appreciated.

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University

Instruction: Please tick ✓ in the space under the effectiveness level in each indicator.

The level of the assessor

- 1.1 Vice-Rector for Academic Affairs, Vice-Rector for research
- 1.2 Director of Research Division
- 1.3 Committee of research supports

| Factor | Indicator | Level of propriety | | | | | |
|--|--|--------------------|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 |
| 1. policy and research plan | 1.1 The policy and research plan corresponding with the policy and national research strategies | | | | | | |
| | 1.2 The policy and research plan responding to both internal and external budget resources | | | | | | |
| | 1.3 Setting policy and research plan which is clear and practicable | | | | | | |
| | 1.4 Setting policy and research plan from participation among interested persons | | | | | | |
| | 1.5 Creating the research plan according to the cycle of PDCA | | | | | | |
| | 1.6 A research plan promoting and supporting the university visions | | | | | | |
| | 1.7 Research plans can continuously drive the young researcher's development | | | | | | |
| 2. structure and research organization management | 2.1 A structure of the organization which includes a sector taking charge of the research directly such as office of research etc. | | | | | | |
| | 2.2 A clear structure of research organization management in aspect of person responsible | | | | | | |

(continued)

| Factor | Indicator | Level of propriety | | | | | |
|--|---|--------------------|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 |
| 2. structure and research organization management (continued) | 2.3 A structure containing a system and protocol of research management accordant with a purpose of university research | | | | | | |
| | 2.4 A structure corresponding with the context of the mission and responsibility involving researches | | | | | | |
| | 2.5 A flexibles structure and an organization research management | | | | | | |
| | 2.6 A structure and an organization research management with clear job descriptions | | | | | | |
| | 2.7 A structure having a system and a protocol promoting and supporting researches | | | | | | |
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Additional Suggestion

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Thank you for your cooperation
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Scale for Assessing Research Management For Researchers

Instructions

This scale aims to assess the research management for private universities.

Factors of research management incorporate 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) research network and 10) systems and supporting protocols such as motivation etc.

For the researchers, I would like you not to assess the indicators that are related to Coordinator Level consisting of personnel in Research division. Please assess how effective the research management of your university is by making a tick ✓ in the space under the effectiveness level in each indicator.

- 0 indicators of efficiency were not found
- 1 indicators of efficiency were found in the “Lowest” level
- 2 indicators of efficiency were found in the “Low” level
- 3 indicators of efficiency were found in the “Moderate” level
- 4 indicators of efficiency were found in the “High” level
- 5 indicators of efficiency were found in the “Highest” level

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University

Instruction Tick ✓ in the as your opinion toward the research management in your university

| Factor | Indicators of assessment | Indicator | Level of propriety | | | | | |
|---|-------------------------------------|---|--------------------|--|---|---|---|---|
| | | | 0 | 1 | 2 | 3 | 4 | 5 |
| 1. policy and research plan | 1.1 , 1.2 , 1.3 , 1.5 , 1.6 and 1.7 | 1.1 The policy and research plan corresponding with the policy and national research strategies | | | | | | |
| | | 1.2 The policy and research plan responding to both internal and external budget resources | | | | | | |
| | | 1.3 Setting policy and research plan which is clear and practicable | | | | | | |
| | | 1.5 Creating the research plan according to the cycle of PDCA | | | | | | |
| | | 1.6 A research plan promoting and supporting the university visions | | | | | | |
| | | 1.7 Research plans can continuously drive the young researcher's development | | | | | | |
| | | 2. structure and research organization management | 2.1 , 2.2 and 2.7 | 2.1 A structure of the organization which includes a sector taking charge of the research directly such as office of research etc. | | | | |
| 2.2 A clear structure of research organization management in aspect of person responsible | | | | | | | | |
| 2.7 A structure having a system and a protocol promoting and supporting researches | | | | | | | | |

**Scale for Assessing Research Management for Coordinators Level
(Personnel in Research Division)**

Instructions

This scale aims to assess the research management for private universities. Factors of research management incorporate 1) policy and research plan 2) structure and organization management 3) research budgets 4) research personnel 5) research materials and facilities 6) production and controlling quality of research 7) follow-up and assessment 8) research publishing and application 9) research network 10) systems and supporting protocols such as motivation etc.

I would like you to assess how effective the research management of your university is by making a tick ✓ in the space under the effectiveness level in each indicator. In case you would like to offer any suggestions, please write them in the Section 3 Additional Suggestions.

- 0 indicators of efficiency were not found
- 1 indicators of efficiency were found in a “Lowest” level
- 2 indicators of efficiency were found in a “Low” level
- 3 indicators of efficiency were found in a “Moderate” level
- 4 indicators of efficiency were found in a “High” level
- 5 indicators of efficiency were found in a “Highest” level

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Your contribution is sincerely appreciated.

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University

Instruction Tick ✓ in the as your opinion toward the research management in your university

| Factor | Indicator | Level of propriety | | | | | |
|--|--|--------------------|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 |
| 1. policy and research plan | 1.1 The policy and research plan corresponding with the policy and national research strategies | | | | | | |
| | 1.2 The policy and research plan responding to both internal and external budget resources | | | | | | |
| | 1.3 Setting policy and research plan which is clear and practicable | | | | | | |
| | 1.4 Setting policy and research plan from participation among interested persons | | | | | | |
| | 1.5 Creating the research plan according to the cycle of PDCA | | | | | | |
| | 1.6 A research plan promoting and supporting the university visions | | | | | | |
| | 1.7 Research plans can continuously drive the young researcher's development | | | | | | |
| 2. structure and research organization management | 2.1 A structure of the organization which includes a sector taking charge of the research directly such as office of research etc. | | | | | | |
| | 2.2 A clear structure of research organization management in aspect of person responsible | | | | | | |
| | 2.3 A structure containing a system and protocol of research management accordant with a purpose of university research | | | | | | |
| | 2.4 A structure corresponding with the context of the mission and responsibility involving researches | | | | | | |



RESEARCH INSTRUMENTS

Stage 4

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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Scale for Assessing the Assessment Model of Research Management for Private Universities

Instructions

This scale aims to assess the assessment model of research management for private universities. Based on the theory of assessment (Sirichai Karnchanawasi, 2010) quality of an assessment model involves 3 aspects: subject of assessment, assessment method, and result and standard of method. In this study, the concept created by Rattana Buosonte (2012, p. 183-186) were proposed the assessment developed by Joint Committee on Standards for Education Assessment containing: 1) Utility 2) Feasibility 3) Propriety 4) Accuracy.

I would like you to assess the assessment model of research management for private universities by making a tick ✓ in the space under the suitability level in each item. In case you would like to offer any suggestions, please write them in the Section 3 Additional Suggestions.

- 1 The propriety was found in these Assessment criteria at the “Lowest”
- 2 The propriety was found in these Assessment criteria at the “Low”
- 3 The propriety was found in these Assessment criteria at the “Moderate”
- 4 The propriety was found in these Assessment criteria at the “High”
- 5 The propriety was found in these Assessment criteria at the “Highest”

Your contribution is sincerely appreciated.

Miss Kanyarat Eumumporn

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Instruction Tick ✓ in as you factual information

Section 1 Respondents

- 1. Policy Level
 - 1.1 Policy Level for Academic Affairs
 - 1.2 Vice-Rector for research Division
 - 1.3 Director for Research Division
- 2. Practitioner Level which were researchers
- 3. Coordinator Level consisting of personnel in Research Division

Section 2 your opinion toward the research management in your university (aspect of the theory of assessment)

| Quality of the Assessment | Lists | Level of propriety | | | | |
|----------------------------------|--|--------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 1. Subjects of Assessment | 1.1 The model is truly assessed corresponding with the needs in assessment. | | | | | |
| | 1.2 The model assessment responds the needs of the officers relating to the research management. | | | | | |
| | 1.3 The model has the subjects of assessment determined from the participation of people relating the research management in the private universities. | | | | | |
| 2. Assessment method | 2.1 The method of assessment in the model can respond the purpose of the assessment | | | | | |
| | 2.2 The model with the method of assessment can be evaluated the subject of assessment correctly and appropriately. | | | | | |
| | 2.3 The model with the method of assessment corresponds with the context of research management in universities. | | | | | |
| | 2.4 The assessment model is understandable and acceptable for the people involving the research management in a university. | | | | | |

| Quality of the Assessment | Lists | Level of propriety | | | | |
|---------------------------------|---|--------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 3. Results of assessment | 3.1 The model of the assessment is beneficial to people involving. | | | | | |
| | 3.2 The assessment model helps to get the results fair for to the subject in assessment | | | | | |
| | 3.3 The assessment model affects the result of the assessment by using the logical and acceptable criteria. | | | | | |
| | 3.4 The assessment model brings the reliable results which can be revealed to the value of the subjects. | | | | | |

Section 3 your opinion toward the research management in your university (aspect of the standard of assessment)

| Quality of the Assessment | Lists | Level of propriety | | | | |
|---------------------------|--|--------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 1. Utility | 1.1 The model of the assessment is beneficial to the overall assessment of the research management | | | | | |
| | 1.2 The assessment model in data collection covers the information from several resources | | | | | |
| | 1.3 The criteria of assessment model can be classified deliberately and clearly | | | | | |
| | 1.4 The assessment report of the information is clear and understandable. | | | | | |
| | 1.5 The assessment model can be applied for the information users for the working adjustment and continuous development. | | | | | |
| 2. Feasibility | 2.1 The model can be organized for real condition. | | | | | |
| | 2.2 The assessment model focuses on the organization which services the subscribers thoroughly and efficiently. | | | | | |
| | 2.3 The assessment model is valuable for the resources of assessment | | | | | |

| Quality of the Assessment | Lists | Level of propriety | | | | |
|---------------------------|---|--------------------|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 3. Propriety | 3.1 The assessment can be provide with the friendship under the respect of the honors and the equal human rights. | | | | | |
| | 3.2 The assessment report shows the strengths and weakness with fairness and completeness | | | | | |
| | 3.3 The assessment report can be frankly revealed for the information users. | | | | | |
| | 3.4 The assessment can be solved the conflicts of assessment with fairness. | | | | | |
| | 3.5 The assessment can be organized with appropriate resources and the assessment methods. | | | | | |
| 4. Accuracy | 4.1 The assessment model is compiled in a form of documents and with the clear description. | | | | | |
| | 4.2 Setting the objectives and method of assessment can be clearly identified. | | | | | |
| | 4.3 The assessment gives the information with its real condition. | | | | | |
| | 4.4 The assessment report is clear and can reflects the finding out of the assessment fairly. | | | | | |
| | 4.5 The assessment model can be periodically repeatedly to be a completeness of the assessment. | | | | | |
| | 4.6 The assessment is analyzed the qualitative and quantitative data to get the accurate and efficient results of assessment. | | | | | |

Additional Suggestion

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Thank you for your cooperation

CURRICULUM VITAE

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Education

- 2003 Bachelor of science Research and Education Statistics Faculty of Education, Chiang Mai University, Thailand
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