**Research Proposal Form for Grant Application, Funding type …………(specify)………..**

# Research form 1

**Research Fund of Pattani Campus, fiscal year 2568 B.E.**

**Part A: Research characteristic**

 The following topics must be informed according to attached descriptions in the form:-

1. Research title: (Thai) ………………………………………………………………………

 (English)…………………………………………………………………...

1. Please specify the consistency of the research with the countries’ and universities’ Support Policies

2.1Compliance with the university research policies and strategies (11 plans)

 ( ) Agriculture

 ( ) Food

 ( ) Health and medical

 ( ) Holistic health care

 ( ) Tourism and multicultural

 ( ) Ocean

 ( ) Disaster and climate change

 ( ) Language and education

 ( ) Peace and Conflict

 ( ) Halal

 ( ) Creative economy and innovation

2.2 Compliance with Sustainable Development Goals (SDGs)

( ) SDG 1 No Poverty - eliminates all forms of poverty in all places

( ) SDG 2 Zero Hunger - eliminates hunger, achieving food security, and promoting sustainable agriculture

( ) SDG 3 Good Health and well-being ensure the health and well-being of everyone of all ages.

( ) SDG 4 Quality Education - ensures equal and thorough education, promoting lifelong learning for all

( ) SDG 5 Gender Equality - achieves gender equality, developing women's and girls' roles

( ) SDG 6 Clean Water and Sanitation - ensures sustainable water use, water management and sanitation

( ) SDG 7 Affordable and Clean Energy - ensures that everyone has access to energy that is reliable, sustainable, and modern

( ) SDG 8 Decent Work and Economic Growth - promotes continuous, comprehensive and sustainable economic growth and valuable employment

( ) SDG 9 Industry Innovation and Infrastructure - develops infrastructure ready for change, promoting sustainable industrial adaptation and supporting innovation

( ) SDG 10 Reduced Inequalities – reduces both domestic and international inequalities

( ) SDG 11 Sustainable Cities and Communities - ensures thorough safe cities and human settlements, ready for change and sustainable development

( ) SDG 12 Responsible Consumption and Production - certify sustainable consumption and production plan

( ) SDG 13 Climate Action - implements urgent measures to tackle climate change and its effects

( ) SDG 14 Life Below Water - conserves and exploits oceans and marine resources for sustainable development

( ) SDG 15 Life on Land - protects, restores, and promotes sustainable utilization of land ecosystems

( ) SDG 16 Peace and Justice Strong Institutions - promotes a peaceful, fair, non-discriminatory society for sustainable development

( ) SDG 17 Partnerships for the Goals - creates the power of partnership, international partnerships on sustainable development

2.3 Other Research Issues (Specify)....................................................................................

2.4 Student Support Please mark √ in ( )

( ) Produce ………………….. numbers of graduate (dissertation students)

Specify the names of the student (if any)

( ) Hire graduate students as research assistants (not dissertation students)

( ) Hire an undergraduate student as a research assistant

( ) Irrelevant

2.5 Inter-campus Cooperation

( ) Researchers from different campuses participated in the project

( ) No researchers from different campuses participated in the project

**Part B: Elements in the Research Project Preparation**

1. Responsible persons consist of

1.1 Principal Investigator ................................Proportion of research contribution (%) …....…

1.2 Co-Investigator ........................................... Proportion of research contribution (%) …....…

1.3 Main Affiliation ...............................................................................................................................

1.4 Supporting Affiliation .................................................. ...................................... ........................

In the case of an international collaborative research grant, please specify the persons responsible for both the "Thailand side" and the "overseas side", and in the case of a grant with a project advisor, please specify the project advisor as well.

2. Status of principal investigator in this proposal

( ) New researcher.

( ) General researcher who has attached a form of publications for the past 3 years (prior to the proposed year) according to Research Form 18

( ) Researcher who has never involved in any research projects as principal of the project for 5 years or more during working at Prince of Songkla University

3. Research Areas

( ) Science and technology

( ) Health sciences

( ) Humanities and social sciences, and human studies

4. Subject of the project

( ) Human

( ) Plants

( ) Animals

( ) Environment

( ) Society and animal culture

( ) Use of microorganisms/ genetic editing/ genetic modification

( ) Use of chemicals for research

 ( ) Laboratory use

 ( ) No laboratory use

5. Methodology (Multiple methods are applicable)

 ( ) Qualitative

( ) Phenomenology

( ) Ethnography

( ) Grounded Theory

( ) Action Research/ Participatory Action Research

( ) Qualitative Research

( ) Other ................................................................

( ) Quantitative

( ) Lecture

( ) Relationship Education

( ) Trial / Semi-Trial

( ) Systematic reviews

( ) Other ................................................................

( ) Other, please specify ..................................................................

6. Keywords of research project

7. Research Rationale and background

8. Objectives of research project

9. Research Scope

10. Theory, hypothesis (if any) and conceptual framework of the research project

11. Reviewed Literatures

12. Search from patent database (Please specify query)

13. References

14. Expected benefits, such as, publishing in journal, patent, etc., and organizations exploiting the research’s findings

15. Technology transfer or finding transfer plans to the objective target

16. Research methods and research/experimental or data collection places

17. Research period

18. Gantt Chart (specify detail of procedures)

19. Research tools (if any)

20. Research project budget: Budget details of the proposed research project requested according to various types of fund and by fiscal year (in case of 2-year or longer project)

21. Potential indicators and expected results of the project according to Research Form 16.1

22. Have this research project or any part or successive projects been submitted an application for funding or receiving support from other sources? (Choose only 1 item)

( ) Not applied for funding from other sources

( ) Submission for other funding sources (specify) .................

 ( ) Granted by......................................................

 Project Title...........................................................

 (Please specify the need or the differences from this project)

( ) Not granted

 ( ) Pending result

23. Other statements (if any)

24. Warranty of the principal investigator

 ( ) Does not owe any submission of a full report for a research project that its period has been ended

( ) Does not owe any submission of research results or the output of research projects in accordance with the conditions set forth in the scholarship announcement/scholarship agreement, such as, a reprint of the published work in an academic journal in the designated database, patent application document, petty patent application document, etc.

25. Signature of principal investigator, co-investigators, project advisors (if any) and the proposed date/ month/ year

26. Approval and signature of supervisors from the curriculum level and faculty/ organization/ bureau/ center that provide a time, location, research tools and others requirement for research conduction, and in case of collaborative research of multiple faculties/ organizations, there must be approval of the supervisors of all relevant faculties/ organizations

27. Signature of the faculty’s board members/ head of the research project’s organization (Dean/ Deputy Dean/ Director)

**Part C : Background of the Research Team Including Advisors of the Research Project**

1. Name - Surname (Thai) Mr., Mrs., Miss......................................................................

 (English) Mr., Mrs., Miss.................................................................

2. Identification number

3. National researcher ID (if any)

4. Current position

5. Organization/ address with telephone number, fax and E-Mail

6. Education background

7. Specialization (different from education background). Specify the academic area

8. Experience related to research management both in domestic and international, specifying the contribution status on the research project as a research program director,p investigator of research project, or co-investigator in each research proposal, etc.

8.1 Research program director: Research program title ..................................................

8.2 Principal Investigator: Research project title ..................................................

8.3 Completed research: title of the research proposal, year of publication, publication, and funding source (one or more researches)

8.4 Ongoing research: title of the research proposal, funding source, and research status of what percentage it has been completed

**Remarks**: Provide the detail of information on each topic accurately and completely to be benefit for the purpose of consideration.

**Descriptions of Research Form 1**

**Part A: Research Characteristics**

Descriptions on how to inform the details are as follows.

Item 1 Specify the name of the research project in both Thai and English.

Item 2 Specify the consistency of research project with the support policies of countries and universities.

**Part B: Elements in the Research Project Preparation**

Item 1 Specify title (Thai and English) of the principal investigator, co-investigator, project advisors (if any), roles, proportions of work contribution and its affiliated organizations, along with specifying the names of other organizations participating in the research and describing the nature and proportion of work that each organization is involved in (if any).

Item 2 Specify status of the principal investigator in the funding proposal

Item 3 Specify the research areas.

Item 4 Specify what the research is about. Provide documents, application evidence, certification, and consent from regarding relevant research standards, such as, Human Research Ethics, Ethical Principles of Animal Use, Research Studies on Native Plant Species (according to Article 52 and Article 53), etc., as well as specifying if this project uses genetically modified organisms.

Item 5 Specify the methodology used in the research.

Item 6 Provide at least 3-5 keywords of the project that are important to the title or content of the research project, which can be used to select or search for documents with relevant titles from the research subjects, both in Thai and English.

Item 7 Write the basic concepts of the research questions that are essential or necessary to conduct research on by trying to clearly define the research question in terms of the problem’s harmfulness, its distribution, or other aspects to get to the core issue of it by reviewing the relevant documents (Reviewed Literature). Examine the statistics, ask for feedbacks from relevant person, and seek probable reasons based on theories or hypothesis in the relevant academic fields, as well as discussing the connection and relevance of this project to other research projects whether it has been conducted in both domestically and internationally by others, its location, its time, and its progression, etc.,.

Item 8 Clearly show the objectives or goals of this research project, and sort by its priority, linked to the importance and sources of the research questions.

Item 9 Specify the scope of quantitative and/or qualitative researches, which is linked to problems researched and cannot be directly defined in the project title and its objectives.

Item 10 Mention the theories, hypothesis, or conceptual framework by discussing the connection and relevance of this project to other research projects whether it has been conducted in both domestically and internationally by others, its location, its time, and its progression, its advantages and disadvantages and how the result is integrated and extended, in order to show how to support this research and to prevent redundancy.

Item 11 Mention the connection and relevance of this project to other research projects whether it has been conducted by others both in domestically and internationally, as well as demonstrating how this project can create new knowledge.

Item 12 Specify searched information from the patent database. It should be searched by relevant words and comprehensive keywords of the project over the past 10 years to verify that the the work are valid and will not overlap with the patents of others, by searching from the website of the Department of Intellectual Property.

Item 13 Specify the referenced documents in proposal writing in accordance with the international system, sorted alphabetically in Thai followed by English, and each item provides the following information:

13.1 Complete list of authors' names

13.2 Published year (B.E. or A.D)

13.3 Title

13.4 Journal titles (if it's a book, use book title)

13.5 In case of a book, the place, company or city of publication must be available

13.6 In case of a journal, the number of volume, year, and issue must be available

13.7 First page

13.8 Last page of reference

Item 14 Clarify the anticipated benefits that will be obtained from this research project and how it will affect the development of the department/ faculty /university or country, for example, solving problems in procedure of organization where the project are , becoming a body of knowledge for further researches, public knowledge service, business knowledge service, leading to commercial production, increasing the effective of production, being beneficial to the target group, etc., and specify the names of both government and private sectors that will benefit from the research results.

Item 15 Specify plans for transferring technology or research results to target audience, or promote and support further research and development, or related administration of the organization by clearly specifying the target group, transferring methods, time period, place, etc., in which this section may be proposed for a funding.

Item 16 Clearly specify the research methods, research tools and research/experiment place experimenting or collecting information including procedures and methods for data collection and data analysis.

Item 17 Specify the research period from the beginning until the end of the project, by specifying the months and years of beginning and ending the project.

Item 18 Specify the process and its duration of research plan as phasing chart from the beginning to the end of the project by specifying the months and years of beginning and ending.

Item 19 Specify the features and necessities of the existing and required facilities including facilities that must be rented or borrowed for the project.

Item 20 Specify the Detail of budget for the proposed research project

20.1 Must be set according to the criteria the University

20.2 Classify the budget details according to different types by clearly divide to different categories

 (1) Temporary Wage Category Hiring a full-time research assistant, attach the job description of the hiring research assistant.

(2) Remuneration Category Reimbursement for researchers is not permitted. This can be set only for meals out of working hours according to the rate specified by the authorities and to the necessity of nature of the job, **not exceeding 5% of each project’s budget**, and can be disbursed only for the researcher and the monthly employee with an employment order.

20.3 Separate budget by fiscal year (in case the project period more than 2 years).

20.4 Procurement of equipment is not allowed except for he efficiency maintenance to existing equipment to make research operations to be effective and their clarifications are needed. Those must be registered as equipment of faculty/ organization. Besides, procurement of page charge or reprinting fees are not allowed on the project - the university may consider other supporting sources when needed.

20.5 In case of that research funding type is Researcher Development Grant, it needs to be divided into 2 parts - budget for the project and budget for project consultants (counseling-related work expense and advisory fees,) and both parts of the budget must not exceed the total amount of the grant value specified in the announcement.

Item 21 Clarify goals, outputs, and indicators resulting from the project. (Fill in details according to Research Form 16.1)

Item 22 Declare if this project or successive projects have requested or received funding from other sources.

Item 23 Other details/ clarifications related to this research project

Item 24 The principal investigator’s warranty that he/she does not owe the submission of any completed research report and publications, etc. of the research project/ funding (which is supported by the Research Fund, Pattani Campus) that has ended its research period.

Item 25 Signatures ofprincipal investigator, research assistants, project advisors and the proposed date/ month/ year

26. Approval and signature of supervisor from the curriculum level and faculty/ organization/ bureau/ center that provide the time, place, research facilities and others requirements for conducting the project, and in case of collaborative research of multiple faculties/ organizations, there must be approval of the supervisors of all relevant faculties/ organizations

27. Signatures of the faculty’s board members/ head of the research project’s organization (Dean/ Deputy Dean/ Director)

**Part C : Background of the Research Team**

Backgrounds of principal investigator and co-investigators

1. Provide name and surname in Thai and English.

2. Identification Number

3. Identify national researcher ID (if any)

4. Current position.

5. Affiliations, address, telephone number, fax, and E-Mail

6. Specify education background.

7. State academic fields with special expertise which may differ from education background.

8. Experience related to research management both in domestic and international, specifying the contribution as a research director, Principal of research project, or co-researcher in each research proposal, etc.

 8.1 Research program director: Research program title

 8.2 Principal of research project: Research project title

 8.3 Completed research: title of research proposal, year of publication, publication, and funding source (one or more researches).

 8.4 On-going research: title of research proposal, funding source, and research status of what percentage it has been completed