



RESEARCH AND SERVICE MONITORING REPORT YEAR 2022

**FACULTY OF TEACHER TRAINING
AND EDUCATION**

LAMBUNG MANGKURAT UNIVERSITY

YEAR 2023

CHAPTER I

INTRODUCTION

A. Background

Universities are obliged to organise research and community service in addition to carrying out education as mandated by Law Number 20 of 2003 concerning the National Education System Article 20. In line with this obligation, Law Number 12 of 2012 concerning Higher Education Article 45 confirms that research in higher education is directed at developing science and technology, as well as improving the welfare of society and the nation's competitiveness. According to this result, community service is an activity of the academic community in practising and cultivating science and technology to advance the general welfare and intellectual life of the nation. Research and community service in higher education is a programmed activity in shaping lecturers who have competence in accordance with expectations. As an effort, quality standards are needed in fulfilling and improving the quality of research and community service results which ultimately produce research and community service results that are in accordance with the field of science / expertise.

The Faculty of Teacher Training and Education is one of the parts of Lambung Mangkurat University with the vision of becoming a leading FKIP in the development of education and learning based on local wisdom of the wetland environment in 2025. Then MIFKIP, among others (1) Organising innovative education and learning to produce graduates who are competitive, professional and have a global outlook. (2) Organising research and learning development to improve the quality of education based on the local wisdom of the wetland environment. (3) Organising community service based on research and learning development to improve the quality of education. (4) Organising mutually beneficial cooperation with various parties at home and abroad.

One form of carrying out the vision and mission well is by carrying out monitoring and evaluation in the field of research and community service carried out by the academic community of FKIP ULM.

B. Monitoring and Evaluation Objectives

Based on the background of the existing problems, the objectives of monitoring evaluation are as follows:

1. Describe the research conducted at FKIP ULM
2. Describe the service carried out at FKIP ULM

C. Place and Time of Activity

Monitoring and evaluation of research and service of the Faculty of Teacher Training and Education is carried out in an internal environment involving lecturers who receive research and community service grants from each Study Programme.

D. Implementation Team

The implementation of monitoring and evaluation of research & community service in the Faculty of Teacher Training and Education is carried out by the Quality Assurance Unit of FKIP ULM.

CHAPTER II

MONITORING AND EVALUATION RESULTS

A. RESEARCH ACTIVITIES.

1. Research Data by Cluster

Research activities are one of the obligations of lecturers in carrying out the Tri Dharma of higher education. Through research, many results and impacts can be utilised to develop science, technology and art, including developing the world of education. Another obligation of a lecturer is to carry out teaching in the classroom to deliver subject matter and increase students' knowledge of scientific developments. Ideally, the subject matter delivered is the latest material derived from research results.

One of the efforts in improving research is through various grant offers including internal grants conducted by Lambung Mangkurat University through PNPB funding. The opportunity to get grant funding is utilised by FKIP lecturers to participate as chief researchers. Comparison of FKIP lecturers involved as chief researchers as a whole can be seen in Figure 1.

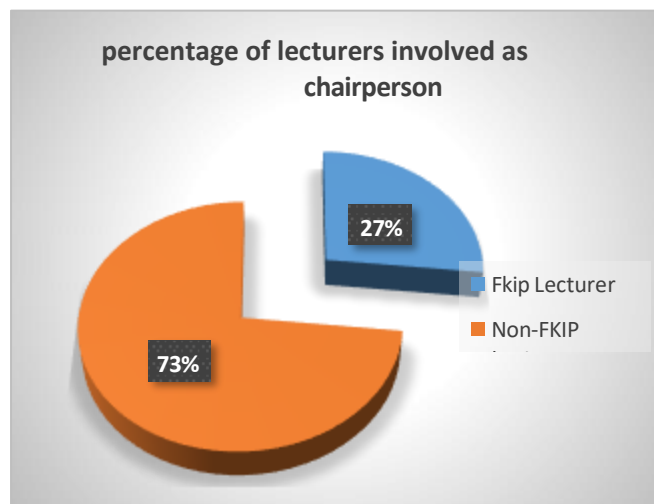


Figure 1: Percentage of lecturers involved as lead researchers

Data shows that more than 25% of FKIP lecturers are involved as chief researchers of the total grants provided at Lambung Mangkurat University. Through a variety of current lecturer research and also tailored to the problems that exist or are faced. Then the process of teaching and learning activities in the university environment

high is maximised. This is because it is supported by quality and relevant source material. The scheme of implementation is decentralised research with research sub-themes are:

- a. Fields Education (design/model /development learning/ education, education studies in wetlands, etc.).
- b. Scientific fields (rare/excellent flora/fauna of wetlands, forest and land fires, peat, etc.).
- c. Practical fields (Implementation of research in wetlands, wetland biodiversity, water treatment methods, etc.)
- d. Advanced Materials Field
- e. Social Humanities and Gender Studies
- f. Health and medicine.
- g. strategic issues of South Kalimantan

Based on the data obtained, 3 clusters with different qualifications were obtained. The data can be seen in Figure 2.

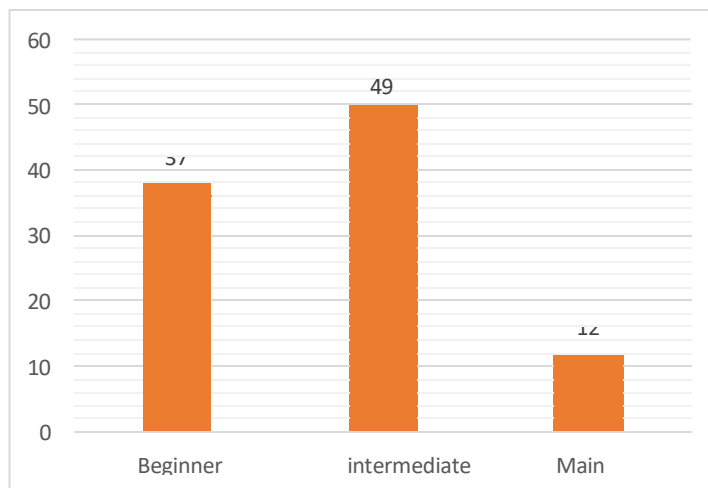


Figure 2: Number of lecturers listed as PDWM chief researchers

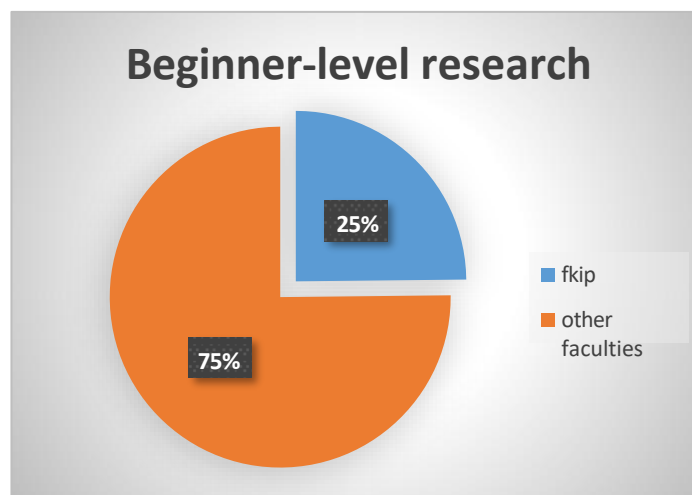
The provisions for the chairman's submission fulfil (1) Beginner Research: S2 education with a maximum functional position of Expert Assistant (2) Intermediate Research: S2 / S3 educated with a minimum functional position of Lector (3) Primary Research: S2 / S3 educated with a minimum functional position of Head Lecturer

B. Comparison of the number of lecturers involved as chief researchers in each cluster

1. Percentage of FKIP lecturers involved as chief researchers in Beginner lecturer grants at Lambung Mangkurat University

Based on the data, it is known that more than 25% of FKIP lecturers who get the position of chairman are from the total novice researchers from the available schemes. This proves that lecturers are actively involved in the tridharma of higher education. Through a series of lecturer researches, understanding, technology, and solutions to various problems faced by many parties will be found. Both from students, the university environment, and also problems faced by the wider community. Data on the percentage can be seen in Figure 3.

Figure 3: Percentage involved as chairperson in the Research Starter Programme



Beginner lecturer research is intended for lecturers with S2 qualifications with a maximum functional position of expert assistant. The funding scheme is 20,000,000 (twenty million rupiah). lecturer research at the beginner level aims to initiate a research map. The targeted outputs are in the form of videos of activities published on YouTube channels, posters of activities related to research and publication of national journals indexed by at least Sinta 4.

2. Percentage of FKIP lecturers who are involved as chief researchers in Madya Lecturer Grants at Lambung Mangkurat University

Based on the data, it is known that more than 30% of FKIP lecturers who get the position of chairman are from the total novice researchers from the available middle scheme. This can be seen in Figure 4.

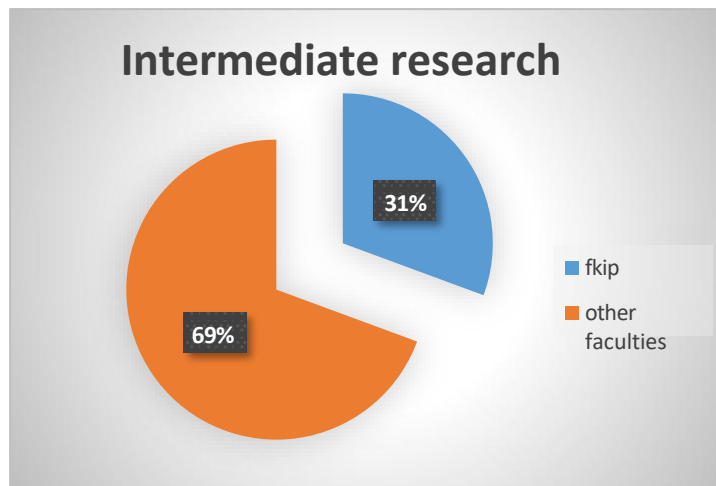


Figure 4. Percentage involved as leaders in Intermediate Research

The active participation of lecturers in FKIP as mid-level researchers indicates a positive contribution to improving the quality and quantity of research. Research activities are fully focused on the superior field of wetland environment. In addition, research can also support lectures that are indeed from relevant research results, so that they are more rational, tested, and can be conveyed more deeply.

The funding scheme is 30,000,000 (thirty million rupiah) with targeted outputs in the form of videos of activities published on YouTube channels, posters of activities related to research and publication of indexed journals such as Copernicus, DOAJ, Ebsco, Proquest, teaching materials / modules for lectures and copyright.

3. Percentage of FKIP lecturers involved as chief researchers in the Main lecturer grants at Lambung Mangkurat University.

Based on the data, it is known that more than 20% of FKIP lecturers who get the position of chairman are from the total researchers in the main scheme available. This can be seen in Figure 4.

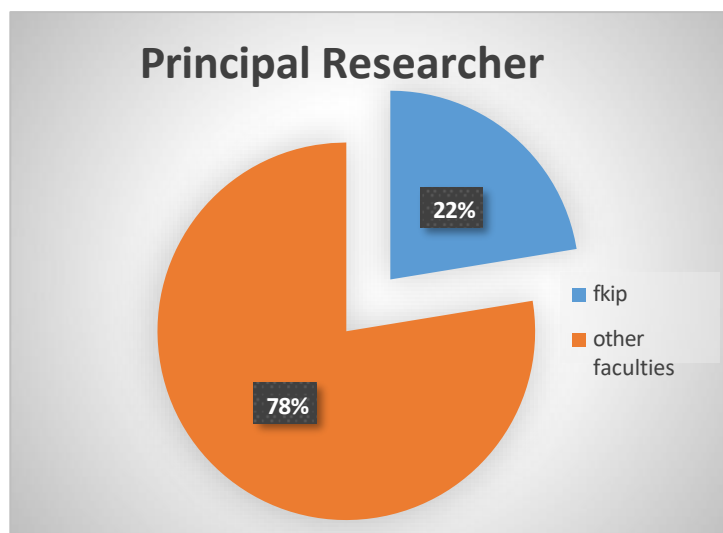


Figure 5: Percentage involved as leader in Primary Research

The active participation of lecturers in FKIP as primary researchers indicates a positive contribution to improving the quality and quantity of research. Research activities are fully focussed on the field of excellence in wetland environment. In addition, the main requirement that must be met is the qualification of education at S2 / S3 with a functional position of Head lector.

The funding scheme is 75,000,000 (seventy-five million rupiah) with targeted outputs in the form of videos of activities published on YouTube channels, posters of activities related to research and publication of international journals with Scopus or WOS reputations, teaching materials / references with copyright ISBN.

2. SERVICE ACTIVITIES

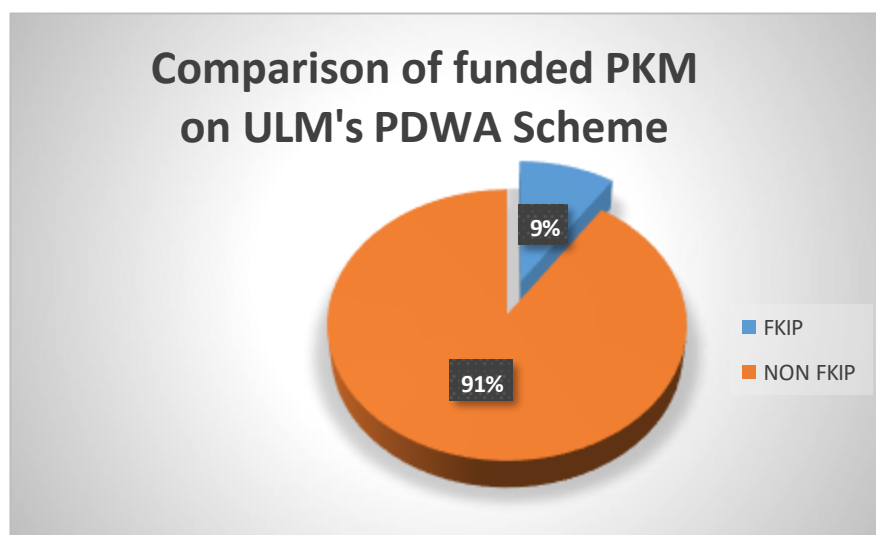
A. FKIP ULM lecturer dedication

Community service is the implementation of the application of science, technology and cultural arts directly to the community institutionally through scientific methodology. The targets of pkm are (1) economically productive people; 2) people who are not economically productive, but have a strong desire to become entrepreneurs; and (3) people who are not economically productive (general / ordinary people).

Target partners that lead to productive economic fields are required to be groups with a minimum of 5 members, such as dasawisma groups, pokdarwis, PKK, recitation, housewives and others. Community target partners that are not economically productive, such as schools (PAUD, SD, SMP, SMA / SMK), youth groups, street children, RT / RW, hamlets, villages, puskesmas / posyandu, pesantren and so on.

Based on the urgency described, community service activities are related to capacity building and community empowerment. The implementation scheme is decentralised community service, sourced from ULM PNBP (Non-Tax State Revenue of Lambung Mangkurat University). This service is allocated Rp 15,000,000.00 (fifteen million rupiah) per title, where in 2022 funding is provided competitively,

Based on this, a comparison of the implementation of activities funded through the service scheme with the whole can be seen in Figure 6.



Comparison of PKM chaired by FKIP lecturers funded under the PDWA scheme

Based on the data above, it is known that less than 10% of the total funding provided by ULM, this shows that only 26 lecturer teams have passed the funding. The lack of participation of lecturers who are members of the research team results in lecturers having to form teams with funding carried out independently.

B. Forms of Lecturer Service in SKIM PDWA

Based on the objectives to be achieved, community service programmes can be divided into five forms, as follows:

Community Education Community education activities can take the form of non-formal education in the context of continuing education. types of community service programmes include structuring, workshops, courses, counselling, campaigns, publications, projects, pilots, and demonstrations such as exhibitions.

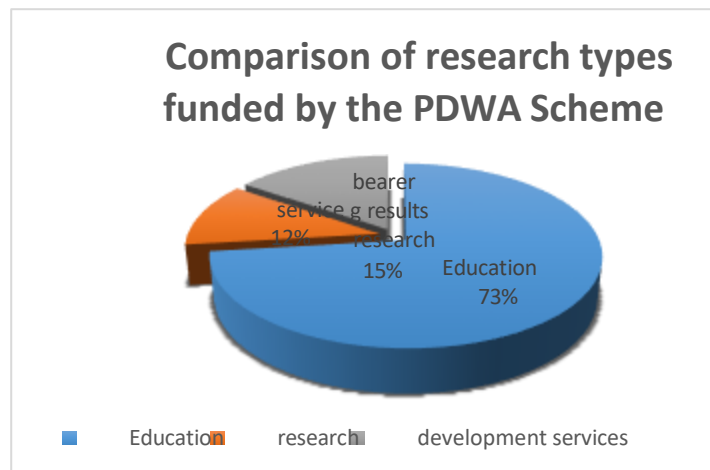
The types of community service programmes included in the form of community services include consultation, career guidance, sports services, fostering awareness of the environment, fostering cooperatives, fostering entrepreneurship and resources, pioneering services in the form of special expertise and the like.

Student Work Lecture (KKM) Student work lectures are a form of activity in the community that is specialised because in student work lectures the dharma of education and research is combined into it and involves a number of students and teaching staff.

Integrated Regional Development produces concepts or patterns of regional development planning. types of integrated regional development programmes are cooperation between faculties and local governments in the formulation of development problems, cooperation between faculties and local governments in solving development problems comprehensively in real activities, real cooperation, cooperation in fostering rural communities.

Research Results Development Because all research results occur in a form that is ready to be implemented and utilised by the community. types of community service programmes in the form of research results development programmes include action research programmes, programmes that are developed from research results so as to produce new products in the form of applied knowledge, or ready-to-use technology and art.

Based on the explanation above, the types of service that qualify for PDWA scheme funding are shown in Figure 7.



The data collected shows that the type of service in the form of education is mostly carried out compared to the other five types of activities. Educational activities are characterised by structuring, workshops, courses, counselling, campaigns, publications, projects, pilots, and demonstrations such as exhibitions. As for the titles that passed such as *"Training on Improving the Quality of the Learning Process Based on Project Citizen for High School Teachers in the Field of Study of PPKN in Banjarmasin City"* or *"Training on Making 3D Animated Video Books with Local Wisdom Using Story Jumper to Increase Student Motivation to Learn English at the North Kuin Gugus Teacher Working Group, North Banjarmasin District, Banjarmasin City"*.

The obligations of the service outcomes that must be submitted at the end of the service of Year 2022, are as follows (1) 1 (one) scientific article published in a journal with ISSN or proceedings with ISBN from a national seminar. (2) 1 (one) article in print/electronic mass media. (3) Video of the activity and has been uploaded on the YouTube channel (URL youtube link). *(4) Poster of the activity results.

CHAPTER III

CONCLUSION

Based on the presentation of research and service activities, it is concluded that

1. The active participation of lecturers in the FKIP environment to participate and compete in funding carried out through PDWM, this can be seen from the ratio of lecturers who get grants in the main, middle and beginner clusters of more than 20% of the total grants provided.
2. Lecturers who qualify for funding in service activities in the PDWA Skim are less than 10% of the total funding provided, besides that the type of service in the form of education is an activity that is mostly chosen by FKIP ULM lecturers.