

A COMPREHENSIVE IMPLEMENTATION OF MBKM PROGRAM: LESSON LEARNED FROM SCIENCE MAJOR DEPARTMENTS AT UNIVERSITAS KRISTEN MARANATHA, INDONESIA

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ABSTRACT

In the era of the Industrial Revolution 4.0 and Society 5.0 plus pandemic COVID-19 as it is today, education in Indonesia has developed drastically by the implementation of MBKM Program. MBKM Program was a freedom of learning in campus environment of Indonesia that made the learning process is more flexible and according to student needs and demands. The learning process at Universitas Kristen Maranatha (UKM) has been developed by having Maranatha Online Learning (MORNING) system combined with MBKM Program. The purpose of this study is to describe the effectiveness of the implementation of MBKM Program from Science Major Departments at Universitas Kristen Maranatha, Indonesia. A set of questionnaires has been set up to analyze the implementation of MBKM Program in study area. The results showed that majority of lecturers, students and academic workers are interested to participate the MBKM Program. However, there is an opportunity to improve the increase of MBKM campaign activities both from government and internal university. The MBKM program provides challenges and opportunities for the development of innovation, creativity, capacity, personality, and student needs. Through ability requirements, real problems, social interaction, collaboration, self-management, performance demands, targets, and achievements, it is expected that a well-designed and implemented MBKM program, students' hard skills and soft skills will be formed strongly.

Keywords: MBKM Program; Science major; Student Involvement

1. INTRODUCTION

In the era of the Industrial Revolution 4.0 and Society 5.0 plus pandemic COVID-19 as it is today, education in Indonesia has developed drastically by the implementation of MBKM Program. MBKM Program was a freedom of learning in campus environment of Indonesia that made the learning process is more flexible and according to student needs and demands. The problem that occurs with the MBKM program is of course the disruption of the existing education system. Most of policy makers or stakeholders were still unclear to recognize the objectives of the MBKM program. Some efforts have been executed to campaign the MBKM program. The other issue is the transformation of several policies from government as well as universities to support the MBKM Program.

Universitas Kristen Maranatha (UKM) also concern with this situation by preparing several action plans for implementing MBKM Program in Universitas Kristen Maranatha. The learning process at Universitas

Kristen Maranatha (UKM) has been developed by having Maranatha Online Learning (MORNING) system combined with MBKM Program. UKM also has ratified the education curriculum policy through related Decrees and many other action plans that has been completed to implement the MBKM Program in all majors including science programs. Therefore, the purpose of this study is to describe the effectiveness of the implementation of MBKM Program from Science Major Departments at Universitas Kristen Maranatha, Indonesia.

2. LITERATURE REVIEW: THE EVOLUTION OF MBKM PROGRAM

The implementation of the Merdeka Belajar Kampus Merdeka (MBKM) program formulated by the Ministry of Education and Culture of the Republic of Indonesia (Kemendikbud) is planned to start in 2020 by creating several laws and regulations to support the program:

1. Law Number 20 of 2003 concerning the National Education System (Undang-Undang Nomor 20 Tahun 2003, tentang Sistem Pendidikan Nasional).
2. Law Number 12 of 2012, concerning Higher Education (Undang-Undang Nomor 12 Tahun 2012, tentang Pendidikan Tinggi).
3. Government Regulation Number 04 of 2014, concerning the Implementation of Higher Education and Management of Higher Education (Peraturan Pemerintah Nomor 04 Tahun 2014, tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi).
4. Presidential Regulation number 8 of 2012, concerning KKNI (Peraturan Presiden nomor 8 tahun 2012, tentang KKNI).
5. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 3 of 2020, concerning National Standards for Higher Education (Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 3 Tahun 2020, tentang Standar Nasional Pendidikan Tinggi).

3. METHODS AND MATERIALS

Universitas Kristen Maranatha with the MBKM concept framework has designed the stages of implementing MBKM Program including the evaluation process within. The science major study program at Universitas Kristen Maranatha has implemented the MBKM concept by having a vision and mission that is oriented towards excellence, with international standards and the use of digital technology. In the process of achieving the vision and mission, of course, fundamental changes are made at the level of the study program, including changes to the curriculum that supports it. The MBKM policy which focuses on efforts to encourage students to master not only engineering study program but also various other sciences that are useful and desired by students to enter the world of work, must be accommodated by the science major study program. The general process of the implementation of MBKM Program in Science Major can be seen on Figure 1.

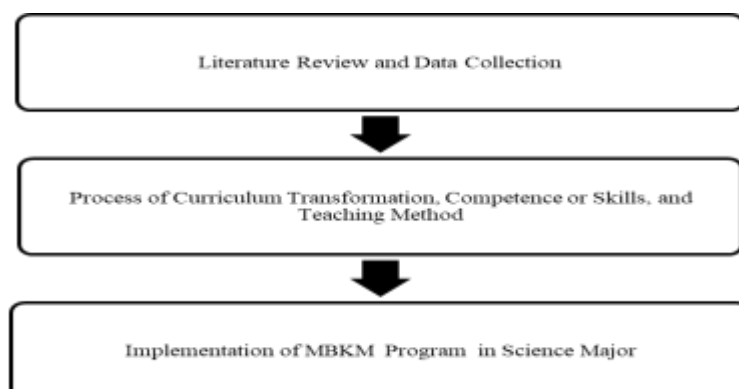


Figure 1: The general process of the implementation of MBKM Program in Science Major

The implementation method carried out in this study consists of several methods such as sampling methods and descriptive method through statistical analysis. A set of questionnaires has been set up to analyze the implementation of MBKM Program in study area.

4. RESULT AND DISCUSSION

A random sampling analysis has been performed with the respondents from 113 lecturers, 640 students and 66 academic workers at science major departments of Universitas Kristen Maranatha. The results showed that majority of lecturers, students and academic workers are highly interested to participate and recommend the MBKM Program by understanding the beneficial of implementation MBKM Program in UKM (Figure 2 and Figure 3).

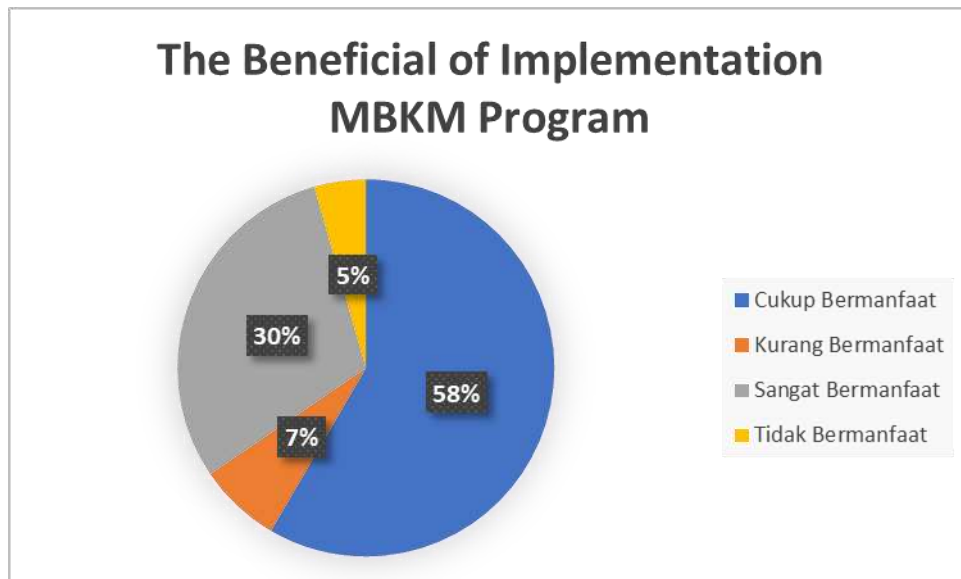


Figure 2: The Beneficial of Implementation MBKM Program

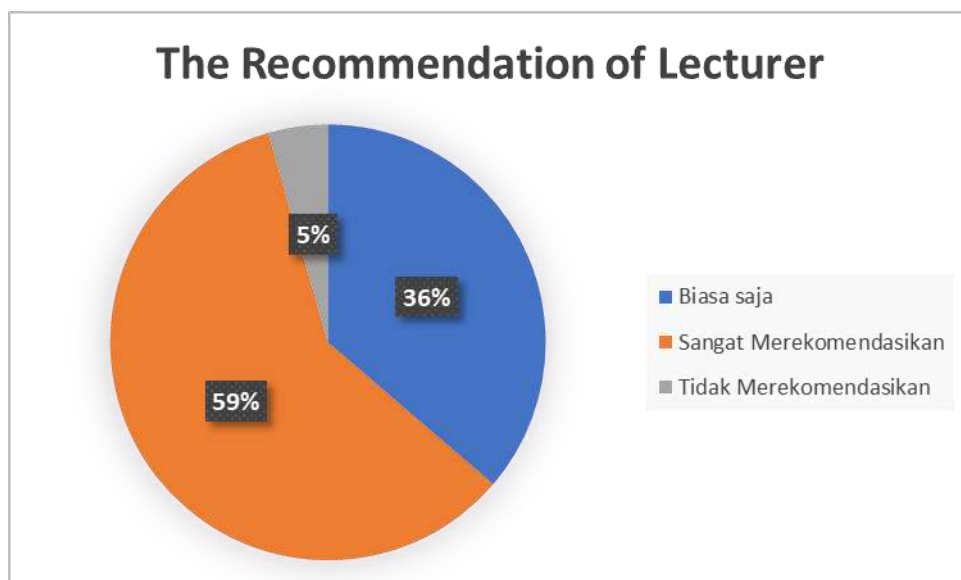


Figure 3: The Recommendation of Lecturers

It is also believed that MBKM Program can improve the capacity of lecturers as the students (Figure 4 and Figure 5).

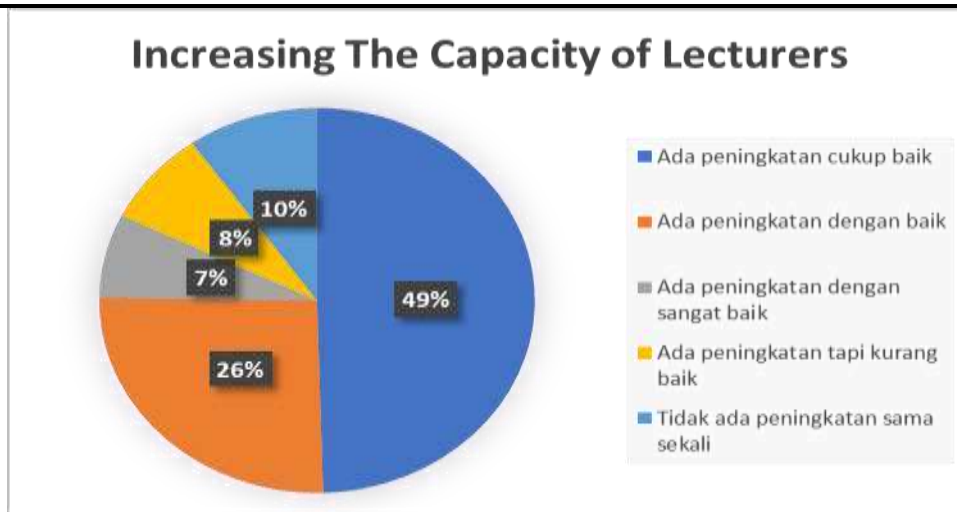


Figure 4: The Recommendation of Lecturers

Increasing The Capacity of Students



Figure 5: The Recommendation of Lecturers

Students at science major department also understand that MBKM Program can add their competences and expand their perspective as can be seen in Figure 6 and Figure 7.

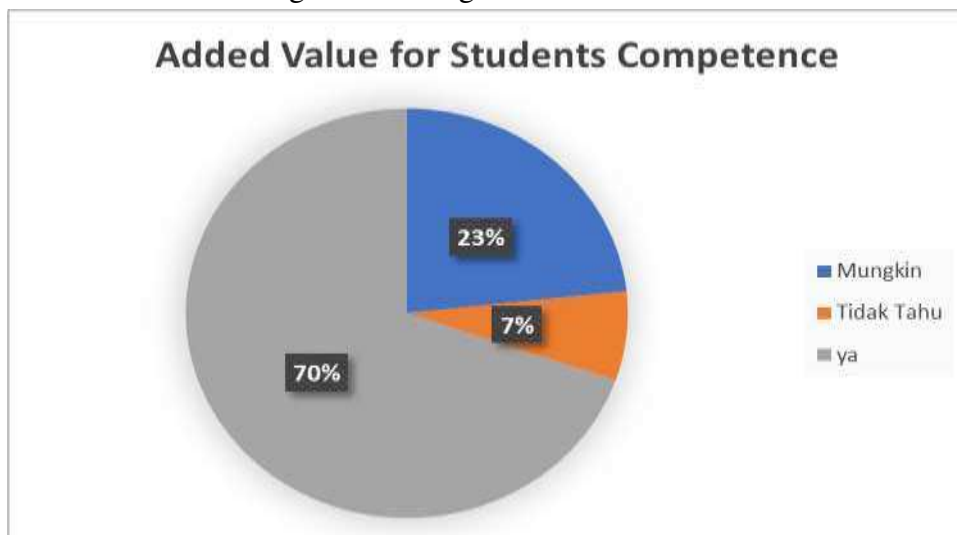


Figure 6: The Added Value for Students Competence

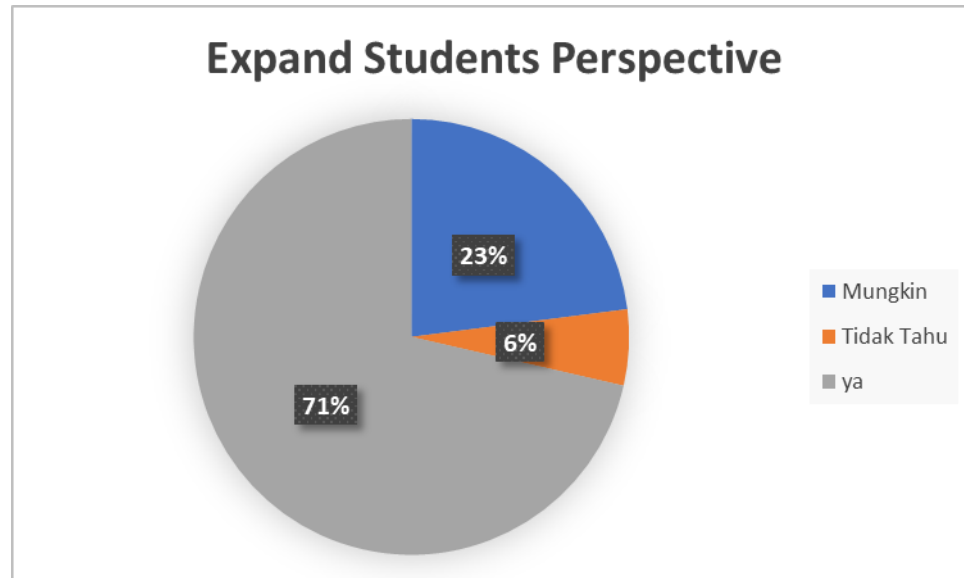


Figure 7: The Added Value for Students Competence

This study also indicated that the effectiveness of the implementation of MBKM Program from Science Major Departments at Universitas Kristen Maranatha, Indonesia is high with several improvements' notes. Most of respondents agreed that there is an opportunity to improve the increase of MBKM campaign activities both from government and internal university. It is necessary to prepare the documents and legal aspects regarding administrative issues. The other issue founded in this study is concerning the financial issue related to several activities in MBKM Program.

5. CONCLUSIONS

The MBKM program provides challenges and opportunities for the development of innovation, creativity, capacity, personality, and student needs. Through ability requirements, real problems, social interaction, collaboration, self-management, performance demands, targets, and achievements, it is expected that a well-designed and implemented MBKM program, students' hard skills and soft skills will be formed strongly. During COVID-19 pandemic, the online learning turns out to be very supportive for the implementation of MBKM Program. It is more likely that the MBKM program stays open for opportunities and there is room for improvement by offering more elective courses in the curriculum to give students more freedom.

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