

## Measuring the Interest Level of Civil Engineering Students in Pursuing MBKM Program in Maranatha Christian University

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### Abstract

The Merdeka Belajar - Kampus Merdeka (MBKM) is a breakthrough in the world of Indonesian education issued by the Ministry of Education and Culture of the Republic of Indonesia. This study aims to determine the level of desire of students in the civil engineering study program at Maranatha Christian University in participating in the MBKM program. The research method uses analytical-descriptive exposure where data collection is carried out through a survey of 20 respondents from the civil engineering study program at Maranatha Christian University.

**Keywords:** Student ; MBKM ; Civil Engineering ; Universitas Kristen Maranatha

### INTRODUCTION

The impact of the development of science and technology in the industrial era 4.0 is unavoidable. Technological progress has become the main instrument in the social and economic movement of society. If we look further, technology itself is a form of transformation of human science (Collin, et al, 2015). Thus, each individual is required to always develop and adapt along with the times. As the nation's next student, being able to compete in the world of work is the key to advancing national education. In realizing advanced national education, various policies and reviews have been carried out by the government and universities. The series of reviews of course need to be extensively associated so that they are relevant to the development of science, the demands of the world of work, and social life.

The Independent Learning Program - Independent Campus (MBKM) is one of the policies being implemented by the government in the realm of higher education. With the MBKM program, students get the right to study outside their scientific field for 3 semesters. One of the objectives of implementing this program is to accommodate the needs of students in obtaining scientific material according to their interests without leaving the basic science being pursued. In addition, the government considers that learning outside the study program can create the next generation that is adaptive, creative, innovative, and has character following the noble values of Pancasila.

In this regard, the civil engineering study program at Maranatha Christian University continues to strive to be able to implement the MBKM program well. These efforts are supported by practices that have been carried out by Maranatha Christian University itself and have been running since 2020. There are several forms of activities that have been carried out and implemented, where all of these activities are in line with the objectives of the MBKM program and have been distributed in various Higher Education Tridarma activities, both it is teaching education, research, and also community service. This is further strengthened by the existence of eight Main Performance Indicators (IKU) in the Strategic Plan of Maranatha Christian University for the period 2020-2024 to strengthen and sharpen existing work programs. The implementation of the MBKM program in the Civil Engineering study program at Maranatha Christian University has been introduced to new batches of students so that in the future they are interested in participating in this program. Therefore, the purpose of this research is to provide an analytical picture of the level of interest of students in the civil engineering study program at Maranatha Christian University in joining the MBKM program.

### METHOD

This research is analytical research with a quantitative approach (Arikunto, 2010). The data collection method used a sampling method which was carried out with an online survey. Data were obtained from a sample population of 20 respondents who are active students of the civil engineering study program at Maranatha Christian University.

The data were then collected and analysed extensively using a structured standard study in the form of statistical diagrams. From each research study that will be concluded, the results of the research will be used as an evaluation of the independent learning activities of the independent campus that have been running and include planning, learning processes, assessment, and evaluation of learning. Furthermore, the results of this study will be used to see the level of interest in existing study programs and become a reference for designing relevant learning processes and academic collaborations (Baharuddin, 2021).

## RESULT AND DISCUSSION

The purpose of this research is to find out the level of interest of students of the civil engineering study program at Maranatha Christian University in participating in the MBKM program. The number of respondents as a sample in this study amounted to 20 students who are active students of the civil engineering study program at Maranatha Christian University.

Have you heard of the mbkm program?

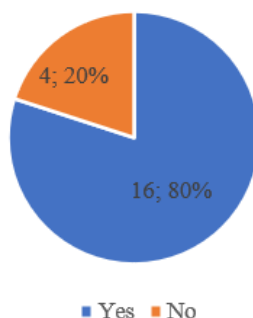


Figure 1. Analytical Overview of Student Knowledge Levels About the MBKM Program

Figure 1 is the result of an analytical picture to see how far the level of knowledge of civil engineering students about the MBKM program is. The survey results showed that 16 students were aware of the program, while 4 students were not aware of the existence of the program. These results indicate a very positive response where most students (80% of 20 students) are aware of the MBKM program.

Where Did You Get The Information About The MBKM Program?

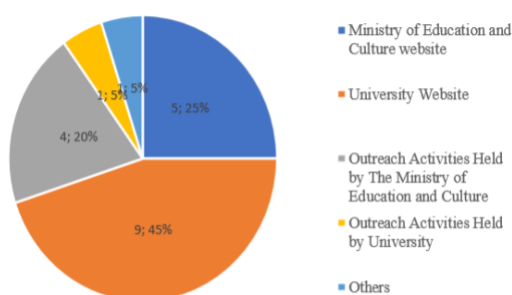


Figure 2. Analytical Overview of Student Information Resources Related to the MBKM Program

Furthermore, Figure 2 shows the results of an analytical description of the sources of information for students of the civil engineering study program at Maranatha Christian University. From the survey results, we can see that as many as 45% of students from the total respondents (9 out of 20 students) know information about the MBKM program through the online channel of the university's website/website.

While 25% of students (5 out of 20 students) know about the MBKM program through the online channel of the KEMENDIKBUD website/website.

These results indicate that Maranatha Christian University as a private university that has been appointed by the government to implement the MBKM program has played an active role in providing information and outreach to its students, especially the civil engineering study program. It also needs to be an additional evaluation of the need to increase socialization both directly and indirectly from the Ministry of Education and Culture to each university spread across Indonesia.

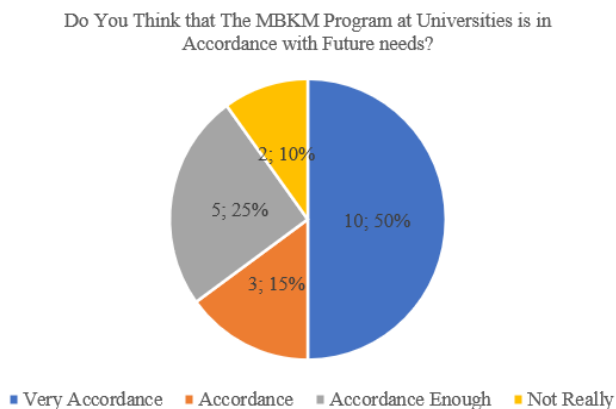


Figure 3. Analytical Overview of Program Suitability Level in the Future

In the next questionnaire survey, it was found that the opinion of students of the civil engineering study program at Maranatha Christian University regarding the suitability of the MBKM program to future needs where 50% (10 out of 20 students) considered this program very suitable for future needs, while 25% (5 out of 20 students) think that this program is quite appropriate.

A positive response was again obtained with 50% of students from the total respondents arguing that the MBKM program is very suitable for future needs, but it needs special attention because 10% of students think that the MBKM program is not in accordance with future needs. More socialization is needed from the University and the government so that they can provide more views and understanding to their students.

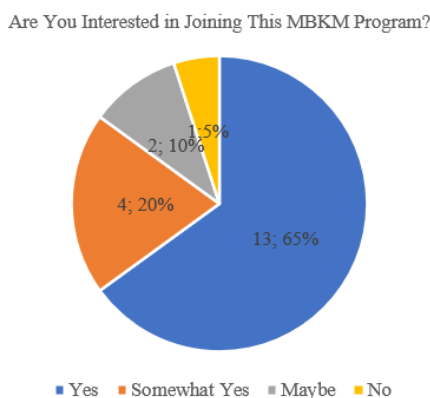


Figure 4. Analytical Overview of Students' Interest Levels in Joining the Program

Figure 4 shows an analytical picture of the level of interest of students in the civil engineering study program at Maranatha Christian University in participating in the MBKM program which is also the core of this research. 65% of students (13 out of 20 students) are very interested in joining this MBKM program, while 20% of students (4 out of 20 students) are quite interested. This result is a very positive response where most of the students are very interested in joining this program.

These results need to be maintained and further developed so that every student spread across various universities is interested in joining the program. It should also be noted that students who have not or are not interested in joining this program. Several factors can be the cause, ranging from the lack of socialization of the program and students to study outside the university.

Further socialization about MBKM needs to be implemented by universities and the government. The MBKM program is one of the breakthroughs that is expected to be a solution in facing the challenges of Maranatha Christian University students, especially the civil engineering study program in creating science and technology progress and being able to compete in global progress (Krisnanik, Saphira & Indriana, 2021). The MBKM program gives educational institutions more freedom to provide opportunities for their students to choose the scientific fields they are interested in. The MBKM program is also considered to be able to broaden perspectives and provide additional competencies that can be used as provisions in the future.

Positive results were shown by students as respondents in this study, it can be concluded that students of the civil engineering study program at Maranatha Christian University have a high level of interest in participating in the MBKM program that has been issued by the government.

## **CONCLUSION**

From the results of survey-based analytical-descriptive research that has been carried out, students of the civil engineering study program at Maranatha Christian University gave a very positive response to the Merdeka Learning Campus Merdeka (MBKM) program. This is supported by the high level of interest from students of the civil engineering study program at Maranatha Christian University in joining the MBKM program.

Several things that have been obtained through this research, among others:

- To prepare students of the exact study program to become graduates who are strong, adaptive, and in tune with the needs of the times, and are ready to become future leaders with a high national spirit.
- There are wide opportunities for Exact Science Program students to enrich, deepen, and improve their insight and competence in the real world according to their potential, talents, interests, spirit, and ideals.
- Learning can be done anywhere, learning is not limited, not only in classrooms, libraries and laboratories, but also in industry, research centers, workplaces, places of service, rural areas, and communities.
- Through close cooperation between universities in the world of work and the real world, universities will be present as the eyes of progress and development of the nation, as well as directly participate in culture and civilization.
- Competence of Exact Science Program graduates will increase, both non-technical skills (soft skills) and technical (hard skills), so that graduates are more prepared and in line with the needs of the times and are more capable as future leaders of the nation with superior and personality. The experiential learning program with flexible pathways is expected to facilitate students in developing their potential according to their potential.

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