

GUIDANCE AND COUNSELING COURSES IN THE MATHEMATICS EDUCATION STUDY PROGRAM

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Abstract: Research objectives This article wants to describe the importance of eye-study guidance and counseling for mathematics education study program students. Research methods used in a survey with students in the Mathematics Education study program, a total of 116 people. Instrument questionnaire via Google form a total of 5 (five) statements regarding guidance and counseling for eye teachers lesson mathematics with the link https://docs.google.com/forms/d/1QUs8foIAAIT5GK2cLCw_uwbkAbfOUATcE5I2rKaVEso/edit. Data processing uses analysis percentage by comparing answer choice respondents with the number of respondents, then multiplying by 100%. Research results survey This concluded that eye-studying guidance and counseling are very important for eye teachers to teach mathematics as a foundation for guidance, difficulty, study, and mathematics during the learning process.

Keywords: Guidance and Counselling; Subject Teachers; Mathematics Study Program

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INTRODUCTION

Education is investment something nation so that education made as one of the indicators for assessing developed countries, because That planning, organizing, administering education, control and evaluation in implementation education need packed with the best. For going to quality education required commitment together all over people involved in the world of education, in Indonesia packaged in an Invite National Education System No. 20 of 2003 Chapter 1 Article 6 which reads " Every responsible citizen to sustainability maintenance education". In Malaysia in terms of maintenance policy education is organized in the 1996 Education Act came into force Malaysian government against Education system in Malaysia. (Wikipedia, 2023). Information from PISA about the system education in Singapore that Singapore own performance highest in international Education and occupy ranking global top. In 2020, students in Singapore

it is half from winner mark perfect in the exam International Baccalaureate (IB) worldwide. (Coughlan, 2016).

Then in the United States with widespread controversy about Educational goals and methods repair schools that have its performance bad, Barnet Berry together with exemplary teachers, experts in education, and parties related to the United States convey some solution for push quality of education in the United States in order to have quality for the participants educate with give solutions face 21st century through the book Teaching 2030.(Berry, 2010)

Muhammad Nuh conveyed that future teacher likened as "clear water that clarifies". Prospective teachers must sons and daughters Indonesia's best educated in a way specifically by the institution quality education, so own competence personality, social, pedagogical, and professional in a way complete. Besides that, future teachers must work as carrier change behavior study teaching, include change habit teaching that is no longer appropriate with progress education latest. Teacher education in general special directed not only for strengthen competence professionalism and pedagogy that can obtained in the environment academic LPTK (Institute for Education and Education Personnel) and schools, but also form competence personality and social through education and care in dormitories and assignments in the regions special. (Heri, 2013).

Based on description above give information in a way general about the urgency of education from element government, teachers as the front guard in improving quality and organizers of LPTK in each country. The question is, what about eye studying or eye what lessons are contained in the curriculum? own contribution in preparing generation successor nation? The answer is yes that every eye studying confirmed will own contribution to achievements quality learning that ends to national education goals each country. Courses guidance and counseling is eye studying partial education big become eye studying mandatory for every study program or majors in all organizer teacher and education science with objective give knowledge, skills, and attitudes students in implementing service guidance and counseling integrated in the learning process, because students who are not on a study program guidance and counseling printed for become an eye teacher lesson.

Sunaryo Kartadinata, former Chancellor of UPI Bandung, who is now given the mandate to become Indonesian Ambassador to the Republic of Uzbekistan, said that quality education or ideal i.e. implementation in a way synergistic three field, that is field curricular (teaching), field administration, and fields student affairs (mentoring). Furthermore said If only accomplished field curricular and field administration, then will create children or participant intelligent teacher but weak in psychosocial (psychology and social). (Kartadinata, 2008) With thereby service guidance and counseling That important and cannot ignored existence in the administration of education, even Juntika say that Guidance is an integral part of the educational process and contributes to the success of the educational process in schools. (Nurikhsan, 2005), (Sutirna, 2013),(Sutirna, Bimbingan dan Konseling bagi Guru Mata Pelajaran, 2022)

For obtain description importance guidance and counseling must carried out by eye teachers lesson math, then a survey of candidates is required mathematics teacher or students of the Mathematics Education study program about the importance guidance and counseling for mathematics teachers so that the result can made very valuable information for mathematics teachers in changing method approach fun and meaningful learning for

participant educate. Research this survey carried out in the Mathematics Education Study Program Faculty Teaching and Education Semester V (five) which has been completed obtain lectures guidance and counseling in semester IV (four). Furthermore, this survey research framed in a title "Lecture Guidance and Counseling in the Mathematics Education Study Program".

METHOD

Study this use survey method via google form with the link https://docs.google.com/forms/d/1QUs8foIAAIT5GK2cLCw_uwbkAbfOUATcE5I2rKaVEso/edit. This survey has been delivered since October 13-18, 2023. Respondents from this survey are students of the fifth semester mathematics education study program who have followed lectures guidance and counseling as many as 116 people. Instrument this survey research consists of 5 (five) related questions with is it very important, important, sufficient important, unimportant, and very unimportant guidance and counseling for eye teachers lesson mathematics. Survey data processing is used categorization from big percentage choice respondents, then interpreted based on the interpretation table as following:

Table 1. Interpretation of Percentage Data

Percentage Interval	Interpretation
$80\% < P \leq 100\%$	Very good
$60\% < P \leq 80\%$	Good
$40\% < P \leq 60\%$	Enough Good
$20\% < P \leq 40\%$	Not good
$0\% < P \leq 20\%$	Very less Good

RESULTS AND DISCUSSION

Results

Survey results for the respondent who provided answer as following:

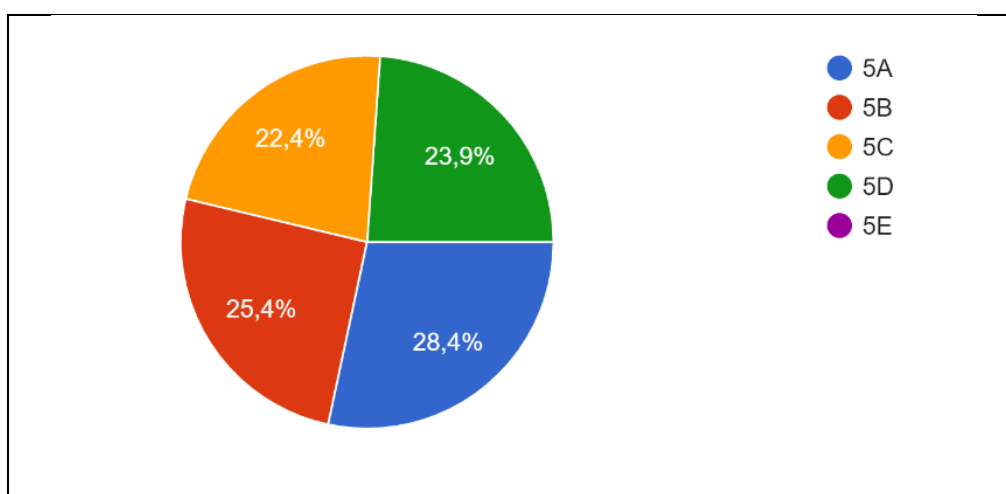


Figure 1. List of Respondents Survey Filler

Results for perceptions about guidance and counseling respondents can noticed description below this:

1. Courses guidance and counseling in Mathematics Education

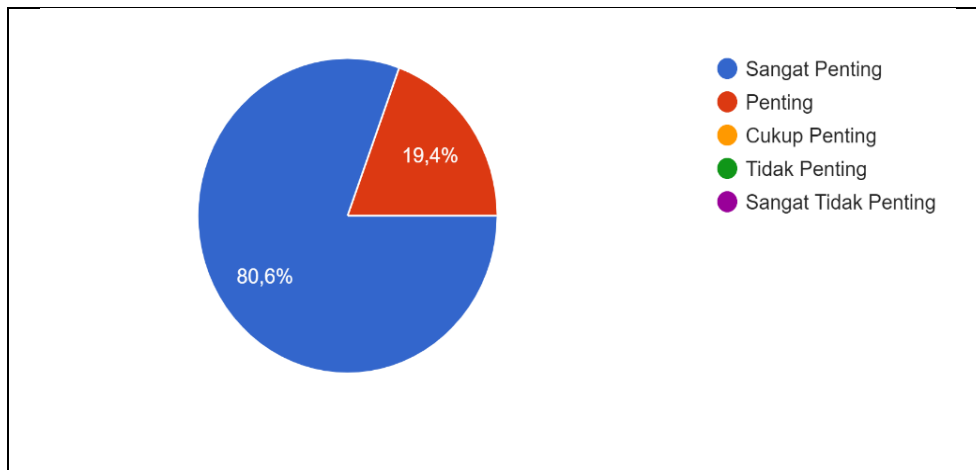


Figure 2. Perception Mathematics Education Student to Guidance and Counselling

2. Understand service guidance and counseling for mathematics education students.

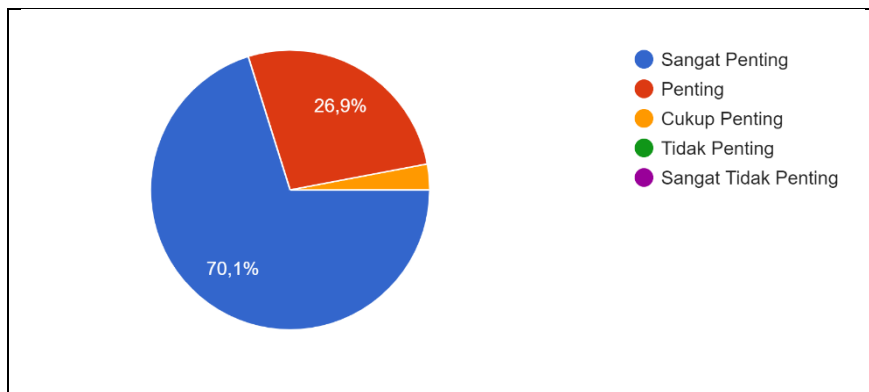


Figure 3. Perception Mathematics Education Student to Understand Service Guidance and Counselling

3. Practice service guidance and counseling for Mathematics Education Students in schools

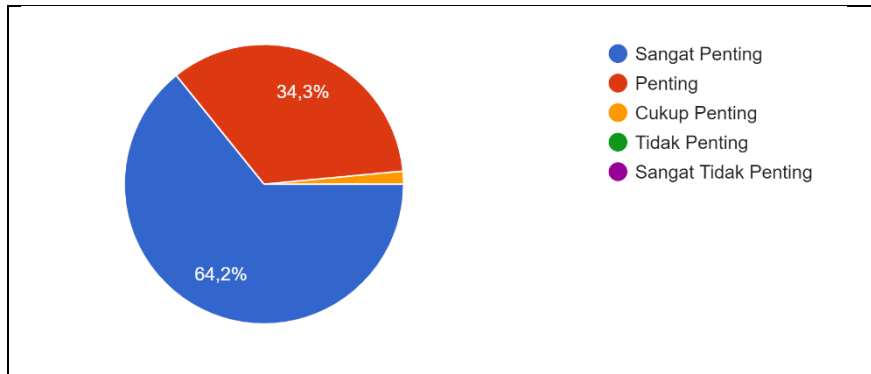


Figure 4. Perception Mathematics Education Student to Practice Service Guidance and Counseling in schools.

4. One role from mathematics teacher is implement service guidance and counseling in the learning process teach.

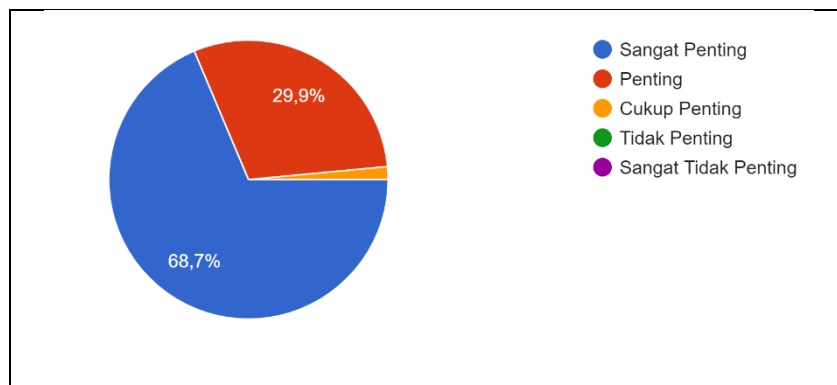


Figure 5. Perception Mathematics Education Student to Implementation Guidance and Counseling in the Learning Process Teach

5. Difficulty study mathematics for participant educate required guidance and counseling from a math teacher.

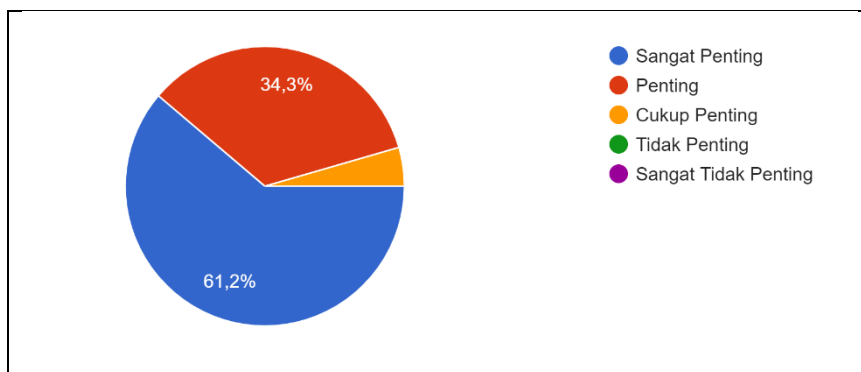


Figure 6. Perception Mathematics Education Student to Difficulty Study Mathematics for students in need Guidance from Mathematics Teacher

Discussion

Based on questionnaire given to mathematics education students from 13-18 October 2023, a total of 116 students were awarded response as many as 67 people, that is level giving answer only 57.76% of a number of respondents. With thereby level respondents in providing answer included in the category Enough OK, but for reach category good and very good for level respondents in providing answer required more effort and effort hard again, because matter There are many factors that influence these respondents for to spare the time give answer.

Furthermore, for a survey about the eyes studying guidance and counseling in the Mathematics Education study program generated 80.6 % said **very important** and 19.4% said **important**, meaning Mathematics education students did not state anything Enough important, less important, and very unimportant to eye studying guidance and counseling. Thereby eye studying guidance and counseling can said eye studying education is not allowed removed from the study program curriculum education mathematics. Things are in order with field studies in guidance and counseling there is field academic or field study, where there is problem difficulty study for participant impossible education submitted to guidance and counseling teachers. Paramita stated that subject teacher participation is one key to success in implementing Guidance and Counseling in schools.

This thing because the teacher is lazy own advantages in terms of intensity meeting with students. However thereby still many subject teachers are less than optimal in participating. Help activity guidance and counseling in schools is form real participation of subject teachers in the implementation of guidance and counseling in school. The problem is a subject teacher reluctant to participate in the implementation of guidance and counseling so that his participation felt less. That thing allegedly because the teacher is lazy not enough appropriate in perception guidance and counseling so arise different perceptions. (Paramita, 2014). With so very clear very that math teacher must understand about guidance and counseling so that can implement in the learning process teach in a way integrated.

Sutirna said in his article that the importance of subject teachers carries out service guidance and counseling in the learning process, because teachers have three roles, that is as educator, teacher, and guide, this has contained in the Law Number 14 of 2005 concerning Teachers and Lecturers. Role as educator always must become example exemplary in movement the steps good in the environment school nor in society, role as the teacher always gives knowledge in the field in a way humanistic, whereas role as mentor is deliver participant educate for can overcome the problem alone with encouragement as well as attention to personal.

This thing supported survey results that component understand _ service guidance and counseling for mathematics education student or prospective mathematics teacher 70.1 % said **very important**, 26.9% said **important**, and 3% stated **Enough important**. This means this survey support that understand guidance and counseling for eye teachers' lessons are very necessary, because That can recommend that eye studying guidance and counseling is not permitted removed from the mathematics

education study program curriculum. With so do the students his perception already falls into a category good at responding about understanding service guidance and counseling for mathematics education students. So that you can understand service guidance and counseling for eye teachers lesson required learn concepts base guidance and counseling that is principal service guidance and counseling applied in the learning process teach. Understand service guidance and counseling in line with philosophy education initiated by Ki Hadjar Dewantara , that as an adult , educator , good guidance and counseling teachers and link "<https://www.banawasekar.com/tag/bk/>" other teachers, must become example for participant educate (ing ngarsa sung tuladha); together with participant educate as friend for build intention ing intermediate wake up initiative ; inspire, strengthen motivation, as well facilitate every participant educate for reach level optimal development (development creation, taste, and intention). Apart from that, guidance and counseling role as connector voice participant educate tut wuri handayani.(Sekar, 2023). How about practice service guidance and counseling for students of the mathematics education study program? is required for carrying out practice service guidance and counseling in schools? It turns out survey results stated it was very important amounting to 64.3%, stated important amounted to 34.3% and stated Enough important of 5.5%. This means in terms of this that practice service guidance and counseling for student's mathematics education is very necessary. Need become notes is practice in the field academic (learning) difficulties study material lesson mathematics, no field personal, social, or career is realm for guidance and counseling teachers in schools.

This thing in line results research by Sutirna and Intisari that the role of the teacher as mentor in trouble Study learn in class in a way the general public already understands and understands since they accept knowledge educate on the bench lectures even from experience teaching, This showed the survey results say that 40.86% said they strongly agreed and 38.05 agreed that difficulty study mathematics his guidance carried out by an eye teacher lessons that are integrated during the learning process.(Sutirna & Intisari, Analysis of the Importance of Guidance and Counseling Services for Students, 2022)

Furthermore, strengthened perception mathematics education student that implementation service guidance and counseling for mathematics teachers during the learning process teach taking place or in other words, it is integrated in the implementation of learning in the classroom. Survey results stated it was very important amounting to 68.7%, stated important amounted to 29.9% and stated Enough important by 1.4%. Thereby that eye teacher lessons in implementation service guidance and counseling integrated in the learning process, for participant students who experience it problem difficulty study material learning mathematics. Need become notes important for all over education providers at junior high school and senior high school levels that difficulty Study mathematics for participant education should not be submitted to the school guidance and counseling teacher, because in a way substantive difficulty study math is impossible can carried out by guidance and counseling teachers, because matter this must submitted to expert namely the eye teacher lesson mathematics. The survey results show that there isn't one person who stated that difficulty study mathematics submitted to guidance and counseling teachers.

CONCLUSION

Students in the Mathematics Education Study Program need eye studying guidance and counseling in the lecture process, so that when can be a teacher role as guide in completing problem difficulty study mathematics in the learning process teach. This thing reinforced by the results of a survey of mathematics education student that eye studying guidance and counseling are very important for keep going given in the mathematics education study program so that problem difficulty study mathematics can carried out by mathematics teachers during the learning process taking place or outside class hours. _

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