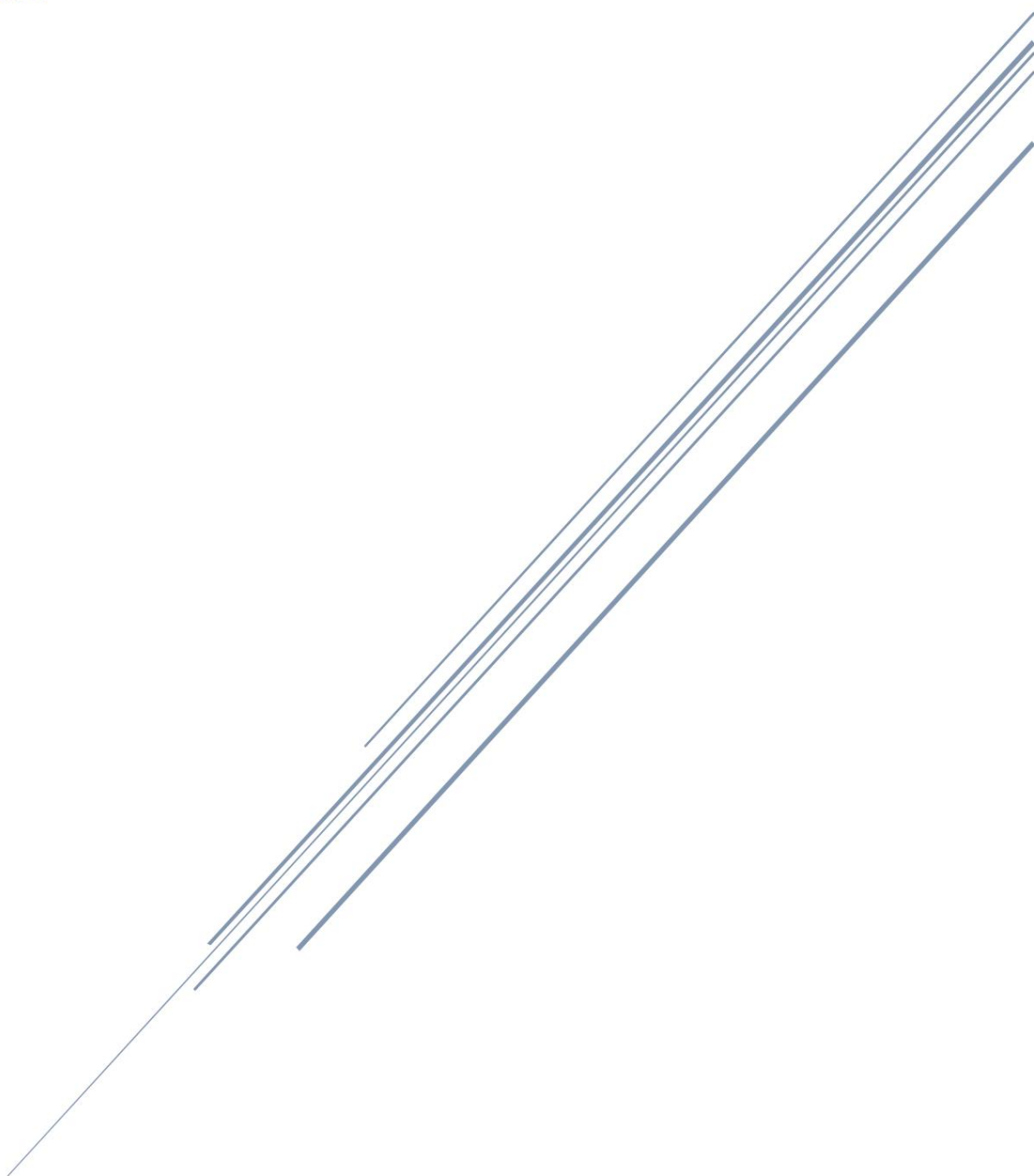


# ACTIVITY REPORT

Tracer Study of Master Program of Mathematics Education



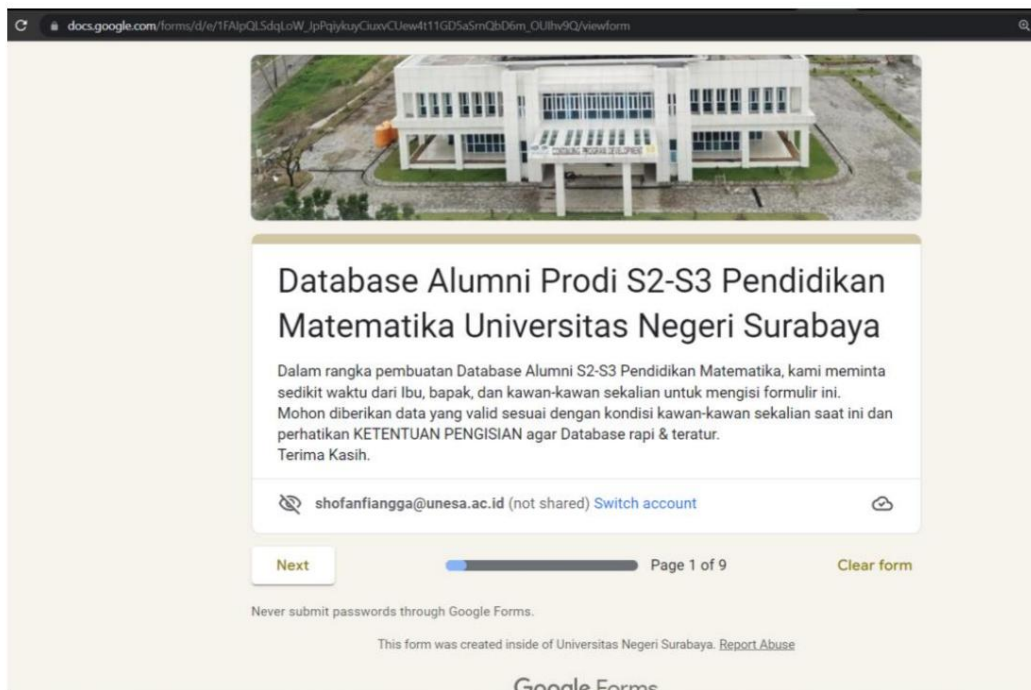
**Tracer Study Masters in Mathematics Education:**  
Postgraduate - Unesa

## 1. Activities

The Alumni Tracking Study was carried out on alumni of the Mathematics Education Masters study program

## 2. Background

The Mathematics Education Masters Study Program conducted a tracking study on graduates of the Masters Study Program Mathematics Education to obtain graduate data which includes profile, waiting period for first job, suitability of work area with field of study, and first work position. Mathematics Education Masters Study Program It is also necessary to establish communication with alumni by providing tracking studies and data recording graduates in study programs, utilizing the department's alumni *database* for alumni involvement to obtain responses regarding alumni regarding the implementation of the Mathematics Education Masters study program



The image shows a Google Forms interface for a survey. At the top, there is a header image of a modern university building. Below the image, the title of the form is "Database Alumni Prodi S2-S3 Pendidikan Matematika Universitas Negeri Surabaya". The main text of the form reads: "Dalam rangka pembuatan Database Alumni S2-S3 Pendidikan Matematika, kami meminta sedikit waktu dari Ibu, bapak, dan kawan-kawan sekalian untuk mengisi formulir ini. Mohon diberikan data yang valid sesuai dengan kondisi kawan-kawan sekalian saat ini dan perhatikan KETENTUAN PENGISIAN agar Database rapi & teratur. Terima Kasih." Below the text, there is a user identification bar showing the email "shofanfiangga@unesa.ac.id (not shared)" and a "Switch account" link. At the bottom of the form, there is a "Next" button, a progress indicator showing "Page 1 of 9", and a "Clear form" button. A footer note says "Never submit passwords through Google Forms." and "This form was created inside of Universitas Negeri Surabaya. Report Abuse". The Google Forms logo is visible at the very bottom.

## 3. Time and Place of Activities

- a. Time: January to September 2022
- b. Place of Activity: Masters in Mathematics Education, Postgraduate, Surabaya State University and on.

## 4. Activity Results

Alumni biodata and questionnaires are prepared in the form of a questionnaire. The form is distributed to graduates via the link [bit.ly/tracerS2S3pmatunesa](https://bit.ly/tracerS2S3pmatunesa). The questionnaire that graduates must complete includes information personal data and employment data, job skills questions, and alumni input on curriculum and implementation of study programs.

## 5. Conclusion

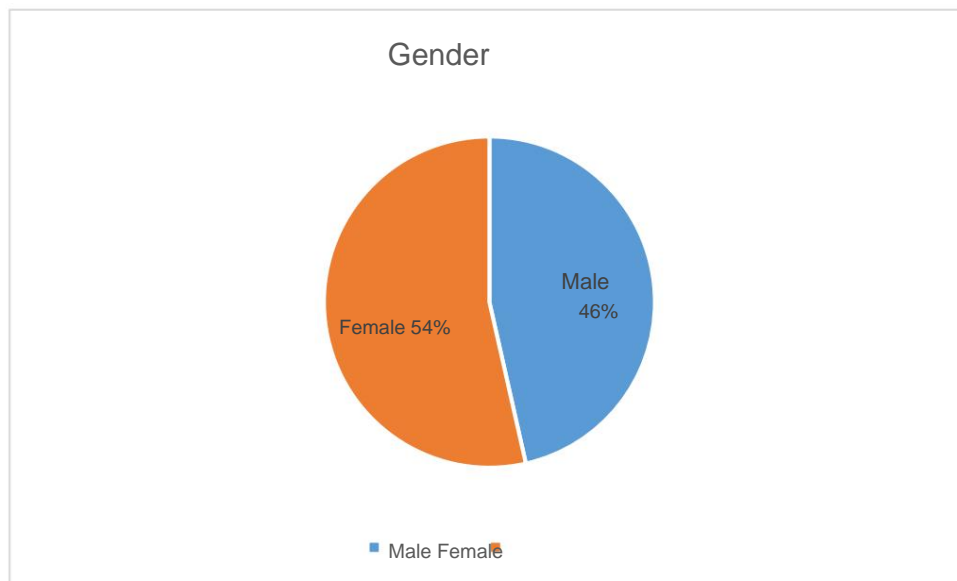
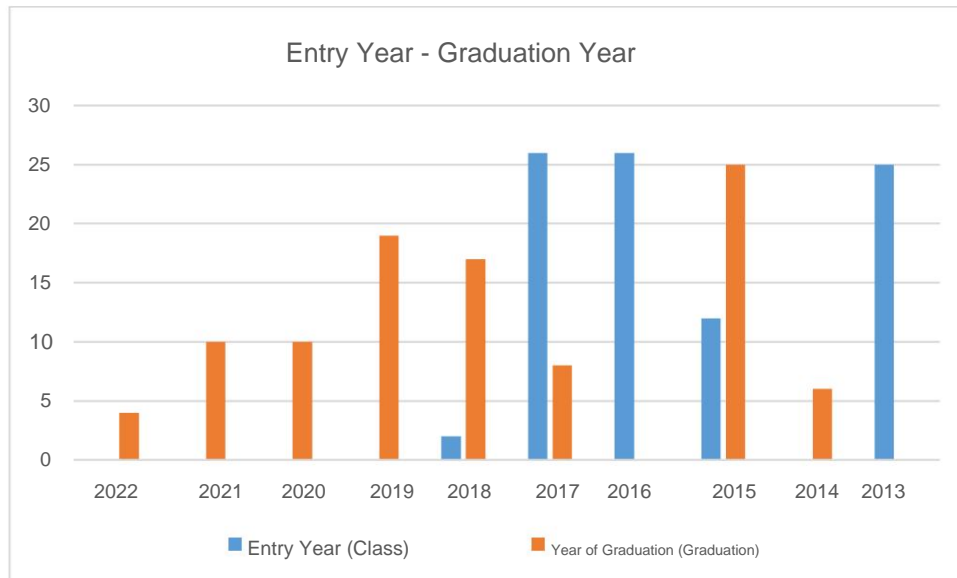
Based on the results of this activity, it can be concluded that the study activity is tracking Master of Education alumni Mathematics has been carried out well with 35 respondents sending their data.

**6. Attachments:**

- a. Recapitulation of respondent data

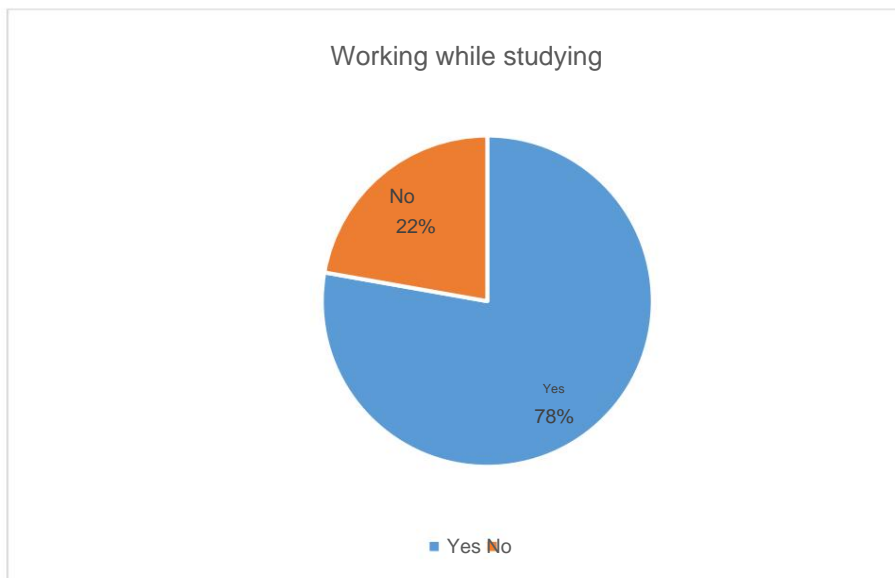
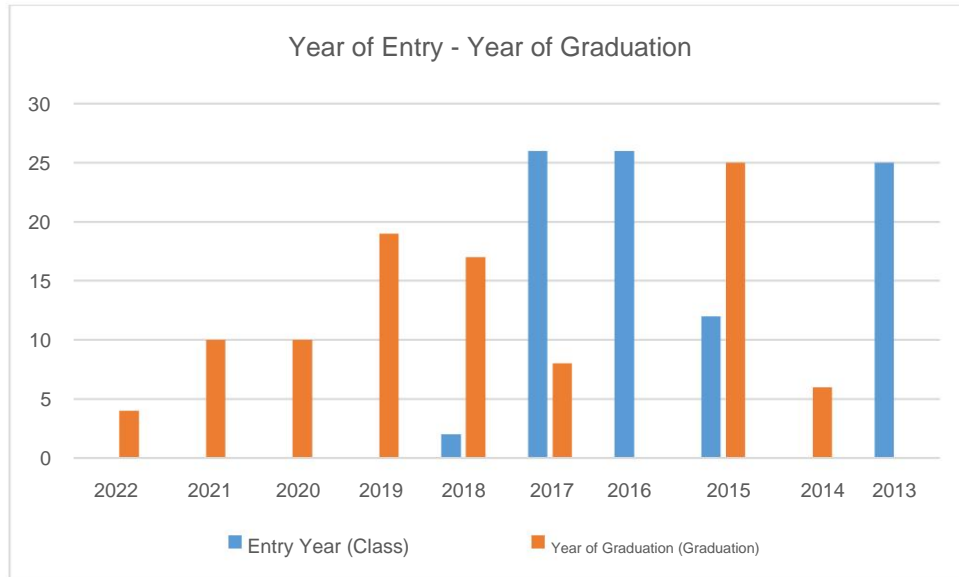
### Appendix A: Recapitulation of respondent data

Unesa Mathematics Education Master's Study Program *tracer study* activities involve alumni starting from class of 2014 to 2022. The following is data on respondents who entered during this *tracer study* period , namely 99 respondents.



**Appendix B: Recap of the results of the Mathematics Department tracking study**

The results of the graduate search program show that all respondents work *full-time* in various fields state universities, even private ones, as well as in the government sector. The following is a recap of alumni's fields of work.



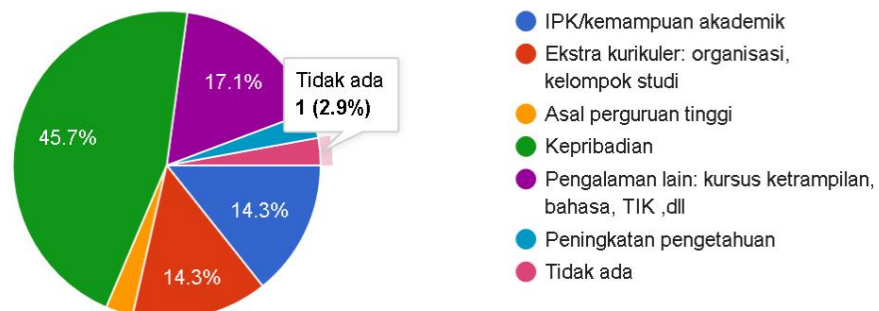
How long had you worked before going to college?	
Less than 1 year	14
1-3 years	27
3-10 years	32
more than 10 years	4

	What is your reason for taking another lecture?
Study Tasks/Scholarships	13
Looking for new job	7
Career advancement	42
Increase knowledge	15

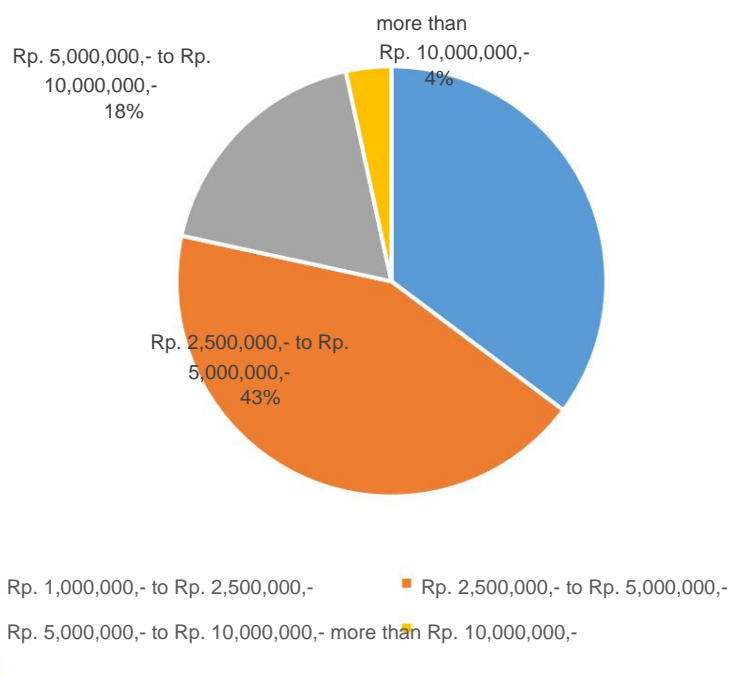
## Faktor apa yang paling berperan dalam mengembangkan prestasi kerja?

35 responses

What factors play the most role in developing work performance

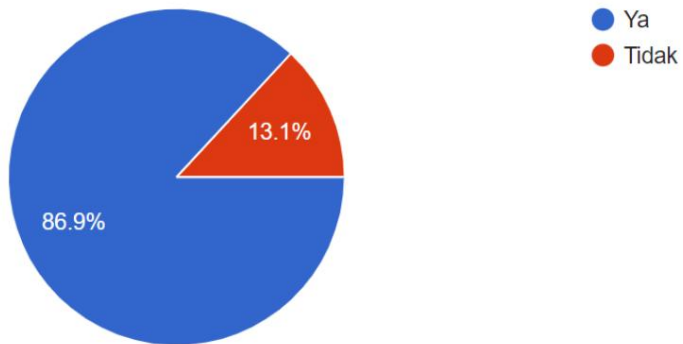


## How much salary do you receive? (Per month)

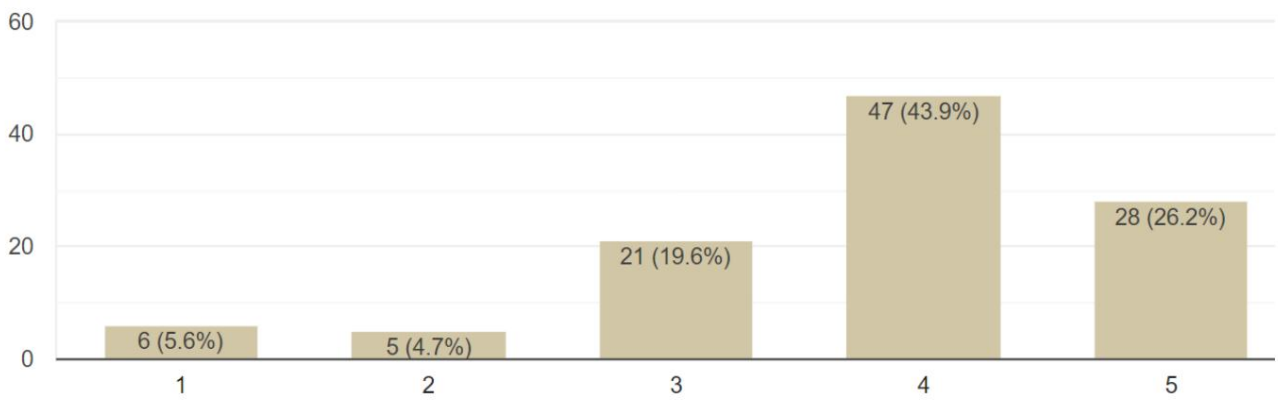


## UNDERSTANDING VISION AND MISSION

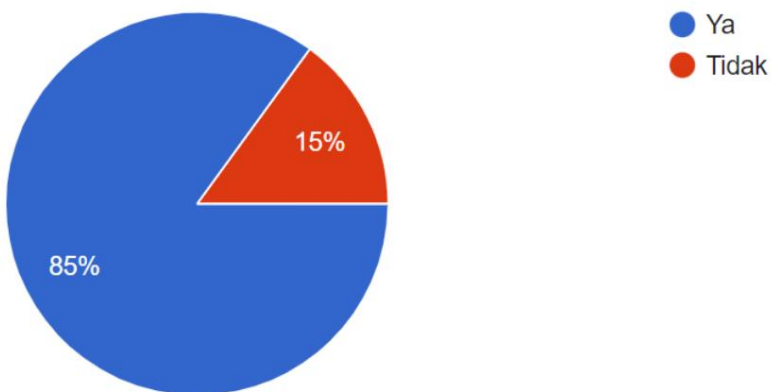
I know UNESA's vision and mission



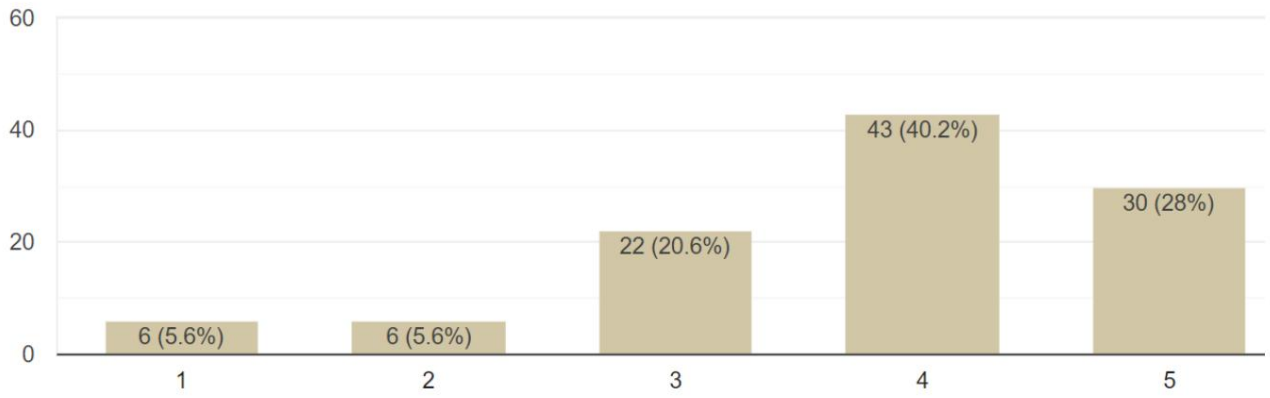
I understand UNESA's vision and mission



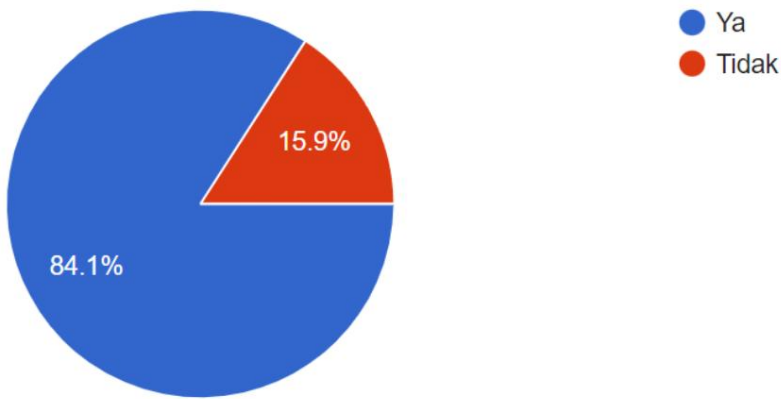
I know the vision and mission of UNESA Postgraduate



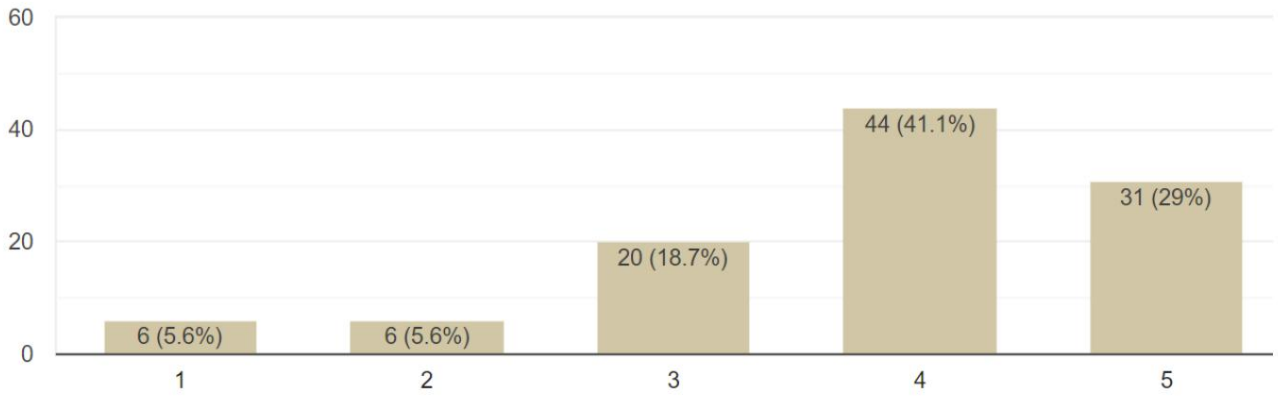
I understand the vision and mission of UNESA Postgraduate



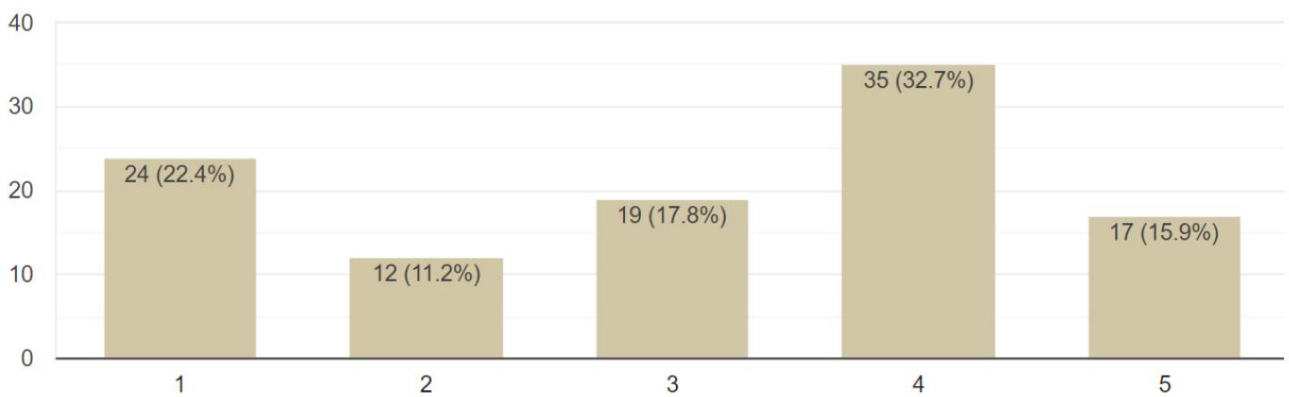
I know the vision and mission of my study program



I understand the vision and mission of my study program



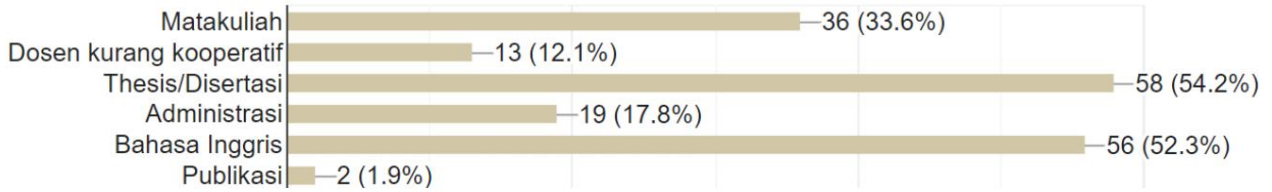
Knowing the vision and mission helped me in carrying out my studies



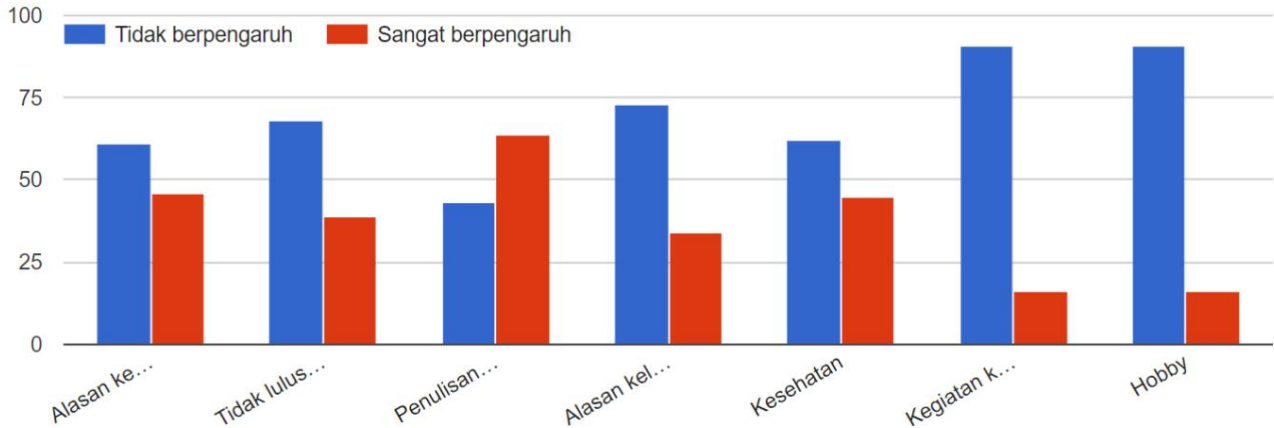


# LECTURE REFLECTIONS

The most difficult difficulty in college



How much influence do the reasons below have on the duration of your study period?



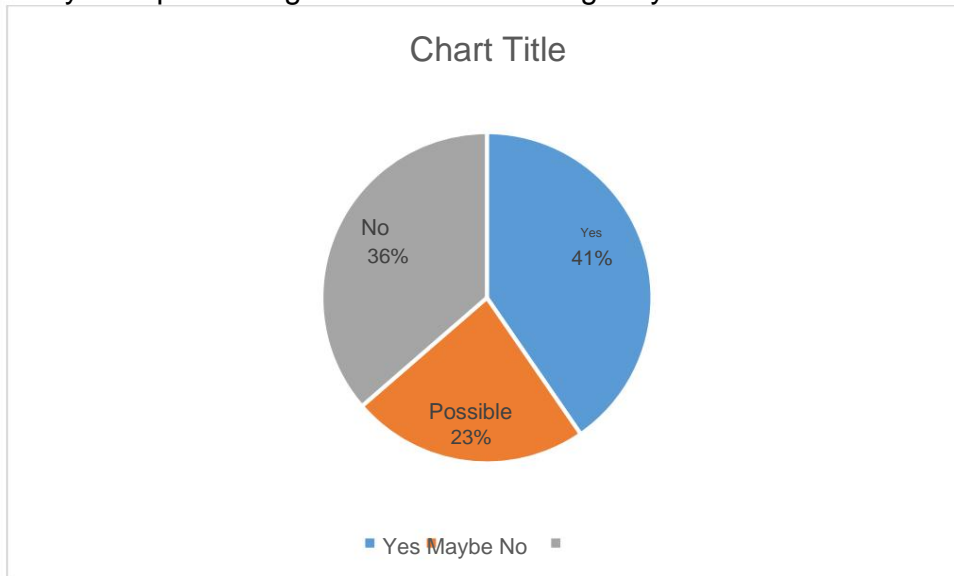
Criteria	In your opinion, how much emphasis is placed on the following learning aspects during your studies?					
	[Lecture]	[Demonstration/ demonstration]	[Practicum at Laboratory]	[Discussion]	[Participation in research projects]	[Apprenticeship]
Very Big 5	45	20	17	50	26	19
4	32	41	22	28	21	23
3	16	25	25	14	26	25
2	5	9	18	5	14	14
Very Small 1	1	4	17	2	12	18

Criteria	How do you assess the teaching and learning aspects below? (99 respondents)				
	Opportunity to interact with lecturers outside the class schedule]	Academic guidance]	Opportunity to participate in research projects]	Condition general learn how to teach]	Opportunity to enter and become part of a network of professional scientists]
Very Large 5 4	26.26%	35.35%	19.19%	31.31%	18.18%
	41.41%	41.41%	26.26%	51.52%	28.28%
3	21.21%	18.18%	17.17%	12.12%	0.00%
2	4.04%	2.02%	14.14%	0.00%	11.11%
Very Small 1	7.07%	3.03%			9.09%

Criteria	How do you assess the learning facilities below in supporting your studies? Part 1						
	Library]	Information and communication technology]	Learning module]	Study room]	Laboratory]	Variation of courses which is offered]	
Very Helpful 5	68.69%	51.52%	41.41%	57.58%	38.38%	34.34%	40.40%
4	23.23%	37.37%	31.31%	8.08%	15.15%	32.32%	39.39%
3	6.06%	8.08%	1.01%	4.04%	1.01%	21.21%	16.16%
2	2.02%					3.03%	2.02%
Very not Help 1	0.00%	1.01%	2.02%	2.02%		9.09%	2.02%

Criteria	How do you assess the learning facilities below in supporting your studies? Part 2					
	Accommodation]	Canteen]	Student activity center with facilities and recreation space]	Health care facilities]	Scholarship]	
Very Helpful 5	36.36%	34.34%	28.28%	31.31%	36.36%	
4	36.36%	44.44%	38.38%	31.31%	28.28%	
3	21.21%	16.16%	21.21%	25.25%	24.24%	
2	3.03%	4.04%	8.08%	8.08%	5.05%	
Very not Help 1	3.03%	1.01%	4.04%	4.04%	6.06%	

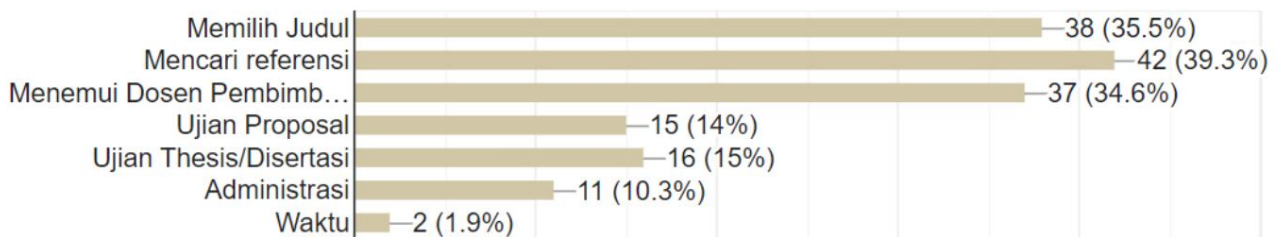
Are you experiencing difficulties in working on your thesis/dissertation?



### How long did it take you to complete your thesis/dissertation?

1 semester	32	33.33%
2 semester	37	38.54%
3 semester	11	11.46%
4 semester	10	10.42%
5 semester	2	2.08%
6 semester	1	1.04%
7 semester	0	0.00%
8 semester	2	2.08%
9 semester	1	1.04%

### What are the difficulties when working on a thesis/dissertation?



### What improvements can you suggest to improve the study program?

There is assistance in completing the TOEFL test
MORE COOPERATIVE LECTURERS
Be wiser in handling student transfers and granting UKT exemptions. Bearing in mind that the costs of a Masters/S3 are also large, so finding these costs also takes time.
MTK lecturers don't be stingy in their assessments, don't make scholarship administration difficult
The interaction between lecturers and students as learning partners must continue to be improved. Continue to improve quality
Lecturers who pay attention to their students are starting to develop study programs in the digital world.
Openness about existing scholarships
More time for final assignment guidance. Improve service and make it easier to meet lecturers
Books and journals need to be updated
Lecturers are more cooperative and smiley. Reduce lecturers who still have a tendency to make things difficult for (old) students.
Lecturers are more cooperative, especially during thesis guidance
Increasing the ratio of students to thesis/dissertation supervisors
For thesis supervision, perhaps it can be carried out as early as possible, maybe in the second semester there will already be a distribution.
CURRICULUM ACCORDED TO THE WORLD OF WORK
wider access to guidance with lecturers
Administration is further improved
Lecture facilities and infrastructure
There isn't any
Strengthening free internet network access for students
Increase opportunities to participate in research projects with lecturers
Administration must be better
Facilities and infrastructure are sufficient, it is hoped that postgraduate lecturers will be wiser and more cooperative, reducing the traits that tend to be arrogant which students feel are most needed, especially during thesis/dissertation consultation periods.
There isn't any
Provide an LCD projector for each class

Supervising lecturers and examiners who are easy to find
The supervising lecturer must/must be present for every consultation session and cannot be arbitrary according to his mood.
Be more disciplined in the administrative process.
Lecturers are placed in a special room for lecturers so they don't get confused when looking for guidance, and pay more attention directly to students who haven't graduated (called their children).
Hopefully it will be more successful
Cleanliness is given more attention
Emphasis on English language related to Toefl
Assistance during thesis writing
improving administrative services
There isn't any
already well
There isn't any
So far it is quite relevant and comfortable
perhaps the distribution of supervisors could be carried out earlier, and for semester 4 it is specifically for research, and there are no other subjects.
If there is a change in class hours, please confirm it with students beforehand
There isn't any
It is necessary to improve the provision of references to open access international journals. It would be better for Masters students to be introduced or guided to write scientific papers from semester 1, because my experience is very less than optimal when it comes to writing scientific papers at the end of the study period, especially as scientific papers are one of the requirements. graduation at post unesa.
Can you share information regarding ongoing scholarships and if possible, take part in lecturer projects that are even more interesting

Messages and Impressions for Study Programs

Miss you all
Some lecturers within UNESA are difficult to find and moody.
Remain victorious and willing to listen to the situation of your students
Hopefully the service will be better
I am very happy and proud to be part of the UNESA Postgraduate study program
It's good, but there are still many things on the academic side that have enormous potential to be improved, so that the success of the master's and doctoral programs in mathematics education can get superior accreditation. One of these forms can be seen from the distribution of this questionnaire. Continue to prosper at Unesa Postgraduate. Continue to improve quality
Please improve IT integration
Unesa remains victorious
Better yet, like the existing slogan... "growing with character"
Amazing, lots of experience gained
Proud to be part of the Unesa Postgraduate students. Especially Mathematics Education, where I found family while studying at Post Unesa.
Kompaq.
The Mathematics Education Masters Study Program is very good, both in its lecture activities and administration
Wish you victory
Continue to learn and work and innovate to make the nation smarter
Very memorable. Lecturers are very professional, arrive on time and meet many meetings accordingly. The lecturer was very helpful in the completion process
Extraordinary
The learning and abilities of the lecturers are very satisfying
Hopefully in the future UNESA will always be better than before, I gained a lot of knowledge and experience while studying at UNESA's mathematics education postgraduate course

Continue to be a graduate who can compete in the world of work and the impression... is like... being able to meet lecturers who are extraordinary and very competent and all great
Pleasant
The most memorable event was queuing for the lecturer's signature, either for the proposal or thesis, from there I learned to be patient and keep up the enthusiasm. Always healthy, ladies and gentlemen, my lecturers, thank you very much for your knowledge.
Proud to be a postgraduate graduate of the mathematics education study program, in general the lecturers, administrative staff, professionals and fellow students are friendly, communicative and have a high level of kinship.
My impression was that when I went to meet one of the examining lecturers to revise a proposal or thesis, it was very difficult, it seemed like they were selling too much, making it difficult for the students, and when the proposal exam was reprimanded in an unethical way because it was comparing it to my previous undergraduate university, the point was still there. lecturers who are less friendly.. but there are more lecturers who are friendly and helpful.. hopefully students will no longer be in trouble, but will be helped so they don't get stressed
Unesa can really "Grow With Character. Hopefully UNESA
will progress further. You will never forget the impression of studying at UNESA JAYA.
THERE ARE MANY EXPERIENCES GAINED DURING STUDYING AT UNESA'S POSTGRADUATE STUDY THAT WILL NOT BE FORGOTTEN AS PROFITS FOR WORK.
Great
professional lecturer
Joss Great
Good
Hopefully it will become a prestigious master's program in mathematics education and produce graduates of quality and character.
"Studying in the master's program in mathematics education is very good, because of the variety and learning methods used by Mr./Mrs. Interactive lecturers, supported by qualified resources," so that the subject matter is easy to understand.
Continue to be successful, Unesa.
Proud to be an alumni of Unesa Surabaya
so that it can be even better in the future in serving postgraduate students
I learned a lot from great lecturers, I really want to be like him. But now he is still a contract teacher, hopefully in the future he can become a great lecturer like him
The quality of learning at UNESA Postgraduate Mathematics Education is very good because the lecturers who teach all have very good competence.
Lecturers are easier to find and make it easier for students during thesis/dissertation guidance
Studying at Unesa does feel different, adrenaline rush especially when waiting for the guidance schedule, you have to be mentally and physically prepared. Unesa continues to prosper.
The performance of the staff and lecturers is very good, hopefully it will be further improved. Other students also support each other by providing information and being friendly.
Meeting extraordinary lecturers and friends
Hopefully it can get better quality
Enjoying the process.
Here I learned a lot to become a better person in respecting other people.
Impression: I have gained a lot of valuable experience, one of which is the mindset that we don't just pass but we have to adapt it according to the circumstances. Message: You must have the courage to try and don't be afraid to fail
Message: think first before expressing an opinion. Impression: lots of valuable experiences when meeting lecturers and Masters and Doctoral students.
Very mentally testing
The impression during studying at postgraduate was very impressive, the lecturers were very critical, friends were collaborative, the library was very comfortable like a second home after boarding, the learning was exciting and fun, I really miss it, I feel like I want to go back to studying at Unesa, hehe
UNESA IS AMAZING.
Studying at the UNESA Mathematics Education Masters Study Program was truly extraordinary and the knowledge I gained during college was very important for my future career journey.
The classroom and out-of-class facilities are very good and easy to do assignments
Extraordinary

Unesa is amazing
hopefully it will progress further
Lecturers are very professional in learning
Extraordinary... I benefited a lot from this lecture
professional lecturers, adequate library
Alhamdulillah, all the supervisors, heads of study programs and administration as well as all those who support postgraduate learning activities are very patient and attentive. Thank You
Everything was enjoyable except the thesis and study program
publications: Very impressive Post : Awesome Unesa: Joos Other Students: Be patient Ajh, Mbok yoo do it...
Thank you to the lecturers who have given me their knowledge, which up to now I can feel the benefits of, and which I can apply when teaching my students. Hopefully being a helpful science. Thank you Unesa and Unesa postgraduates who have created many competent educators in their respective fields. Thank you also to fellow students from various regions, ethnicities, religions and cultures in Indonesia. From them, I got to know the real meaning of Bhinneka Tunggal Ika. Love you... :)
More successful and more advanced
1. There should be more literature that supports the preparation of a thesis, especially mathematics study programs 2. Seminars for publication must be scheduled and shared with students in advance
The lecturers are so energetic and have an extraordinary depth of knowledge that I have never met, I hope they are given good health. and extraordinarily enterprising and intelligent friends. The mathematics study program is extraordinary, I am proud of the mathematics education postgraduate study program.
Hopefully UNESA will always be good at producing the best educators. The time
spent at Unesa is enjoyable, there are lots of lessons to be learned
The potential of teaching lecturers is very good...
Hopefully the Unesa education study program will be better in the future, maybe they will also be given tutors to study TOEFL because in my class there were a lot of people who didn't pass TOEFL. Hopefully the Unesa post-math study program will be the best in East Java
Thank God, all the impressions are good. Even though it was a bit difficult to meet the lecturer, it seemed like it was my own mistake. Thanks for all.
Hopefully the lecturers will be more enthusiastic when guiding them, so that students can graduate on time