



UNIVERSITAS GADJAH MADA
FACULTY OF AGRICULTURAL TECHNOLOGY
MASTER IN FOOD SCIENCE & TECHNOLOGY

TRACER STUDY REPORT

**MASTER IN FOOD SCIENCE
AND TECHNOLOGY**

FACULTY OF AGRICULTURAL TECHNOLOGY
UNIVERSITAS GADJAH MADA
2023

Introduction

The Tracer Study is an annual survey to evaluate and enhance the educational processes and academic systems at Universitas Gadjah Mada (UGM). The results of this survey provide valuable data that support various development and advancement needs of the university.

In 2023, the respondents of the Tracer Study are alumni who completed their graduation requirements in 2022/2023. The survey is managed under the coordination of the UGM Alumni Office, utilizing data from the integrated SIMASTER system. It is conducted digitally through the SIMASTER platform, accessible via its mobile application or the official website at simaster.ugm.ac.id.

The UGM Tracer Study serves as an important tool for improving academic programs and ensuring UGM's progress as a leading educational institution.

1. Alumni Profile

A total of 44 alumni participated in the 2023 Master in Food Science and Technology (MFST) UGM tracer study. Detailed information is presented in Table 1 below.

Table 1. Respondent Information

Status	2023 Tracer Study
Responded	40
Yet to Respond	4
Total Respondents	44

Based on Table 1, it can be seen that 90.9% completed the survey questionnaire, while the remaining 10.1% have not yet responded. This data is also presented visually in Figure 1.

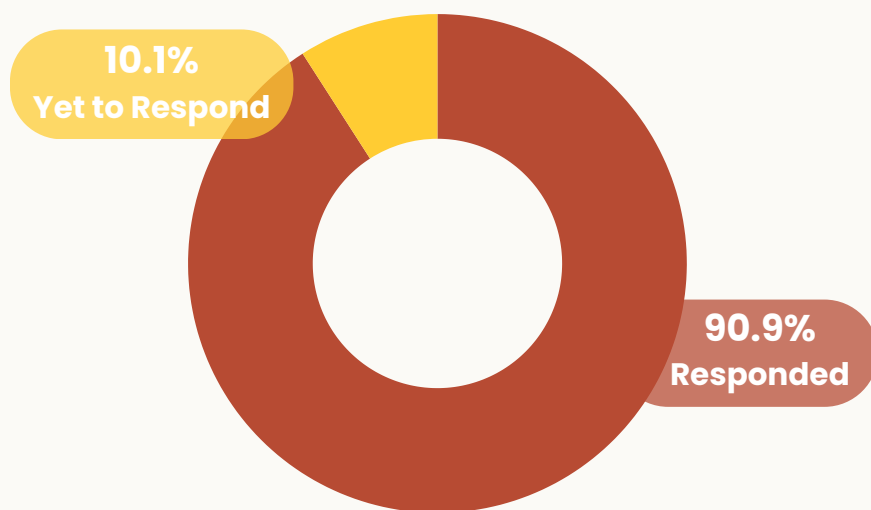


Figure 1. Response Rate of Tracer Study Participants

2. Activities After Graduation

The majority are currently employed with a small portion either looking for work or pursuing entrepreneurial activities.

- Work
- Seeking for a job
- Entrepreneurship
- Previously worked (currently seeking for a job)

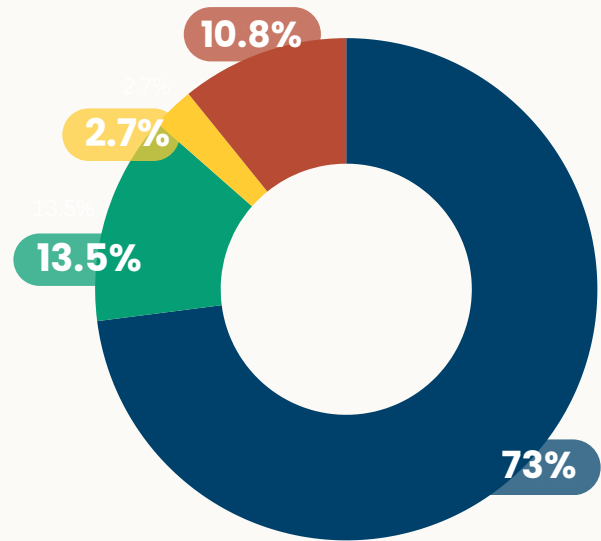


Figure 2. Activities After Graduation

3. The Waiting Time for Alumni to Secure Employment

This result indicate that most MFST alumni either secure jobs before graduating or within 6 months afterward.

- Before graduation
- < 6 month
- 7 - 12 month

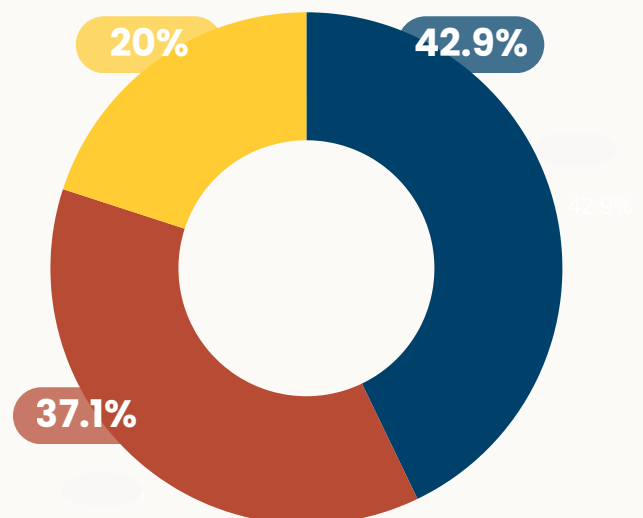


Figure 3. Waiting Time to Secure Employment

4. How Alumni Obtain Job Offers

Most MFST alumni received job offers through social media networking (20.69%), followed by personal relatives and networking during studies (15.52%), and contacted by the employers (each 13.79%). This suggests that MFST alumni are well-connected and sought after. Detailed information is presented in Table 2 below.

Table 2. How MFST Alumni Found Their Jobs

How to Get a Job	%
Social Media Networking	20.69
Through Colleagues/Relatives/Family	15.52
Networking During Studies	15.52
Contacted by the Employer	13.79
Starting Business	10.34
Contacted Employer/Organization Without Job Vacancy Information	5.17
Working at the Same Place as During Studies	3.45
Obtained Information from Career Fair	1.72
Assisted by External Career Development Center	1.72
Others	8.62

5. Type of Institution

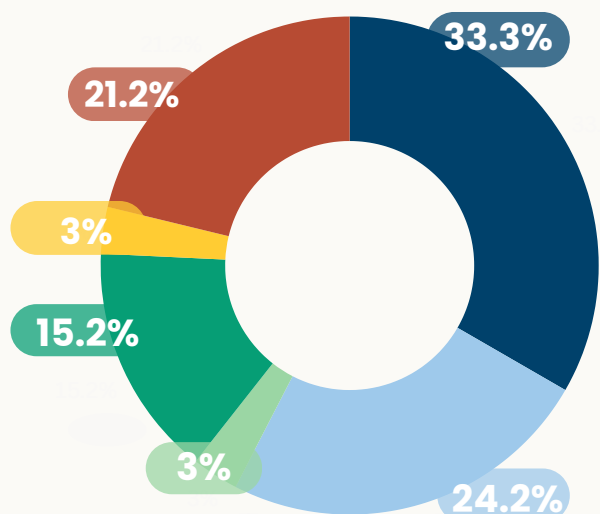


Figure 4. Type of Institution

The majority are employed in governments agencies.

- Government agency
- Private company
- Self-employed
- Multilateral institution
- Non-profit organization
- Others

6. Level of Institution

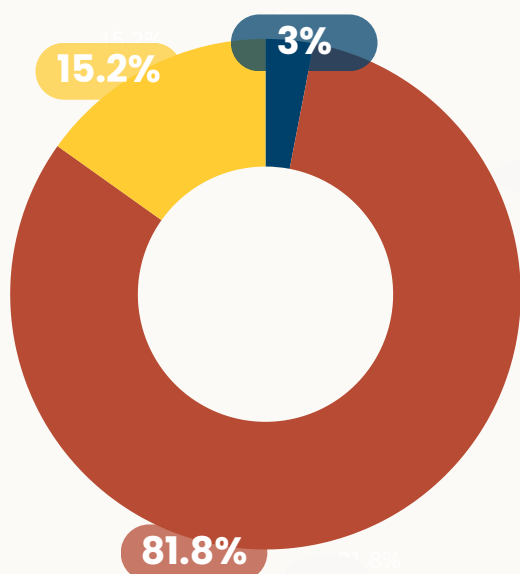


Figure 5. Level of Institution

The majority of MFST alumni work for national companies.

- Multinational/International
- National/Legally Registered Self-Employed
- Local/Regional/Unregistered Self-Employed

7. Current Employment Status

The majority of MFST alumni are employed full-time (81.8%), while 18.2% are working part-time. This indicates strong opportunities for alumni to secure stable and sustainable employment.

- Full-time employment
- Part-time employment

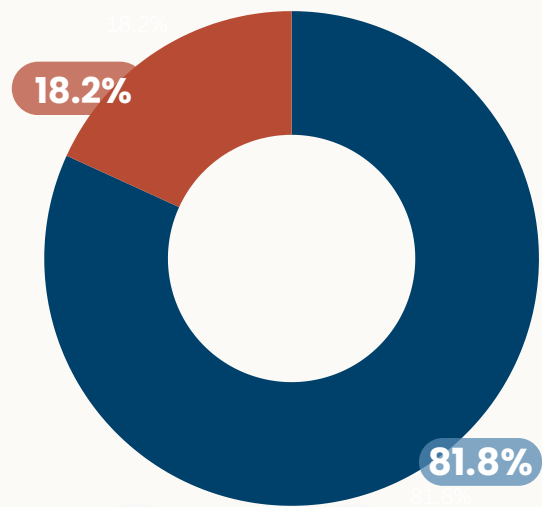


Figure 6. Current Employment Status

8. Current Job Position

The majority currently hold positions as employees or staff (75.8%), with only a small portion occupying managerial roles or running their own businesses.

- Business owner
- First-line management
- Employee/staff
- Self-employed

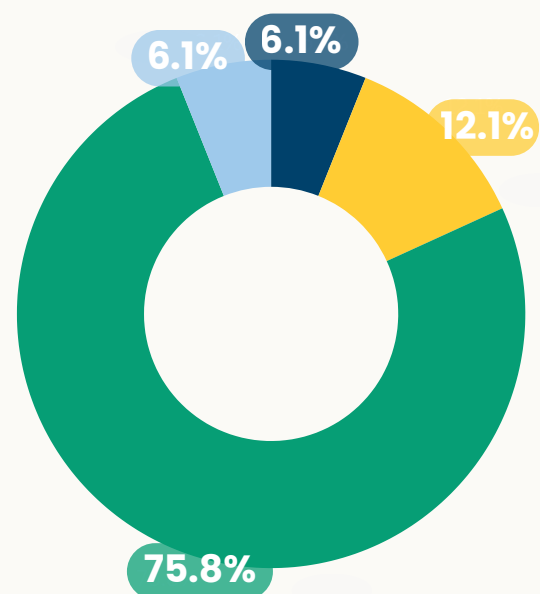


Figure 7. Current Job Position

9. Where Alumni Work

The majority of MFST alumni are employed in Java Island, particularly of Special Region of Yogyakarta, Central Java, Jakarta, East Java, and West Java. Alumni are also spread across provinces outside Java, including Lampung, Jambi, Gorontalo, Bali, Papua, and West Papua.



Figure 8. Distribution of Graduate Workplaces

10. Average Monthly Income

The majority of alumni (68%) earn less than Rp5,000,000 per month. About 20% 20% earn above Rp7,000,000, and around 11% have a monthly income ranging from Rp5,000,000 to Rp7,000,000.

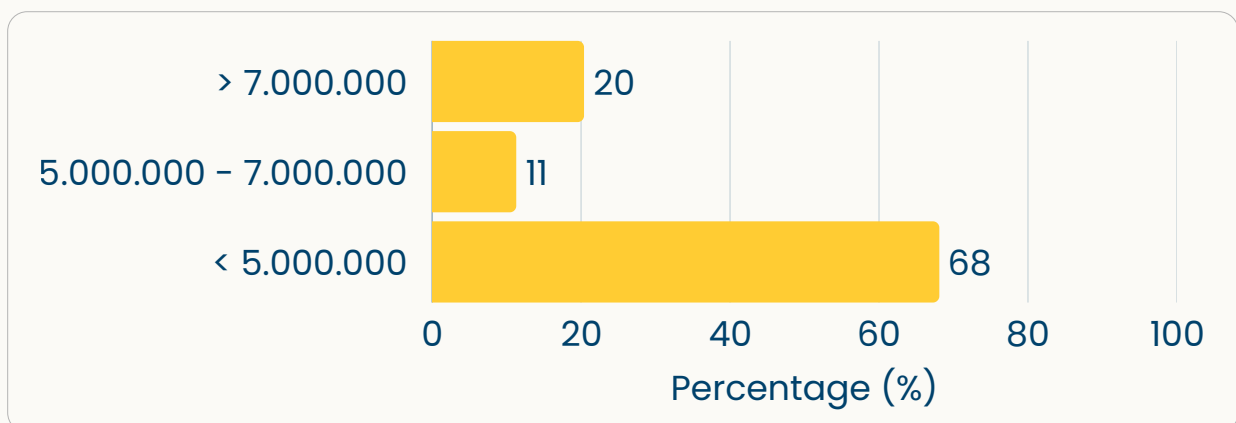


Figure 9. Average Monthly Income

11. Employer Considerations in Recruiting Alumni

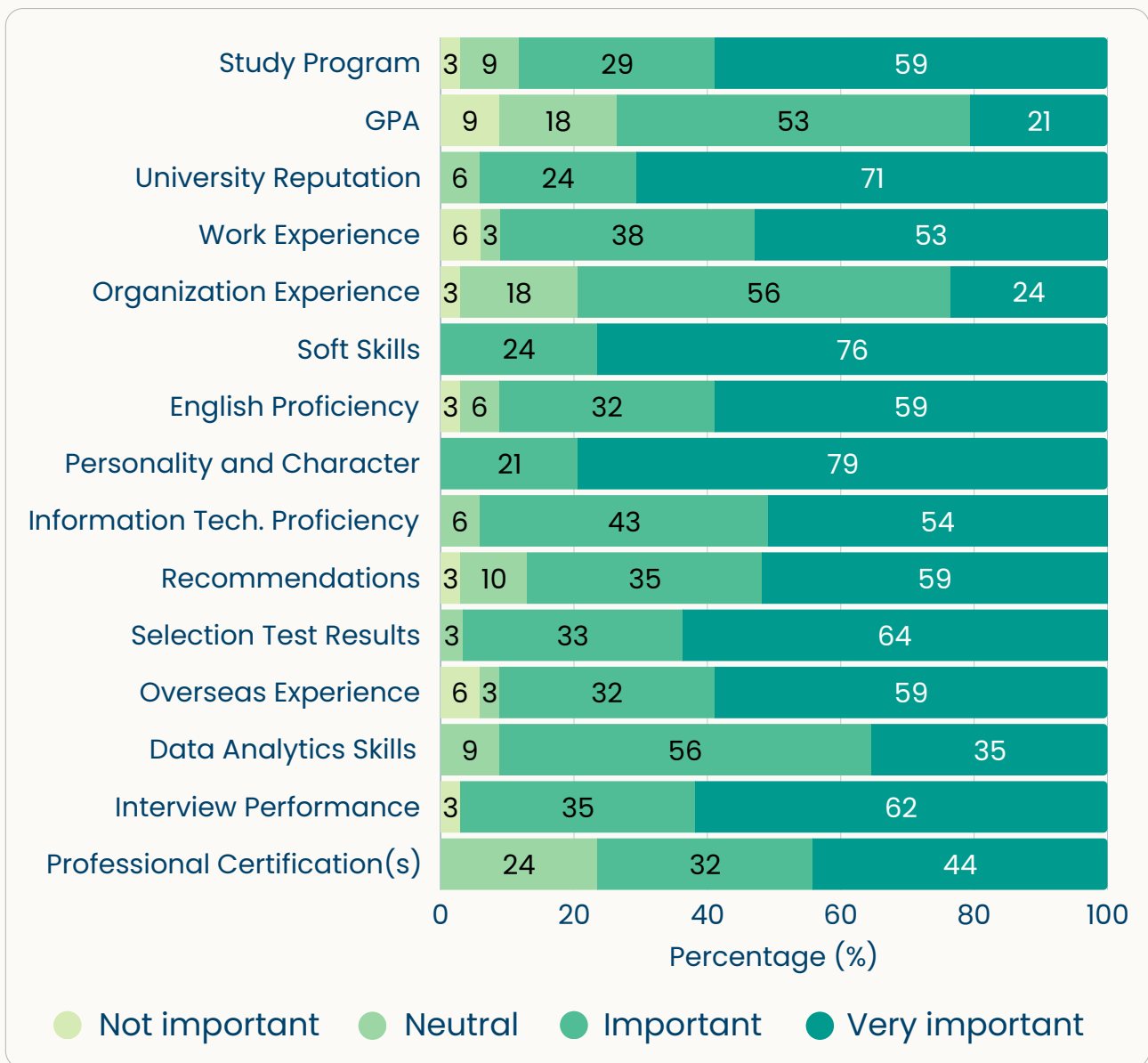
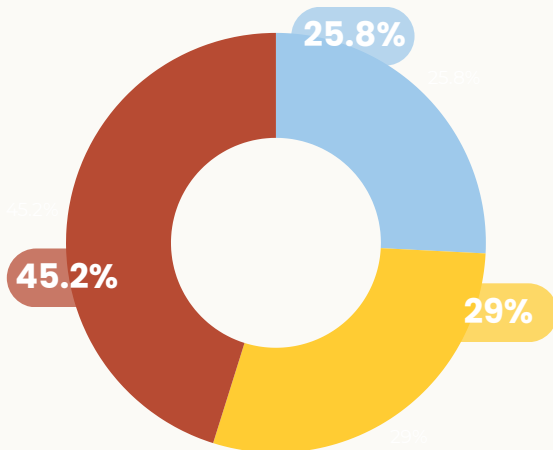


Figure 10. Employer Considerations in Recruiting Graduates

The survey results indicate that personality and character, soft skills and university reputation are the most important considerations for employers in recruiting alumni. Other key factors include selection test results, interview performance, and study program. The high percentages in the “very important” category reflect the strong emphasis employers place on both academic background and personal competencies during the hiring process.

12. The Relevance of Competencies Acquired During Studies to the Current Job



The skill and knowledge during their studies are highly applicable to their current careers

- Very high
- High
- Moderate

Figure 11. Relevance Level

13. Satisfaction with Current Job

This data indicates a generally positive level of job satisfaction.

- Very satisfied
- Satisfied
- Moderate

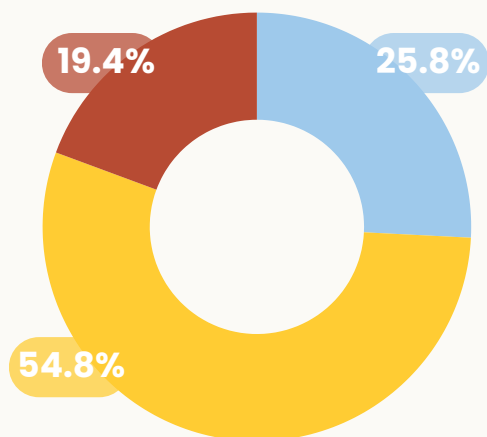


Figure 12. Satisfaction Level with Current Job

14. Contribution of Graduate Competencies to Current Job

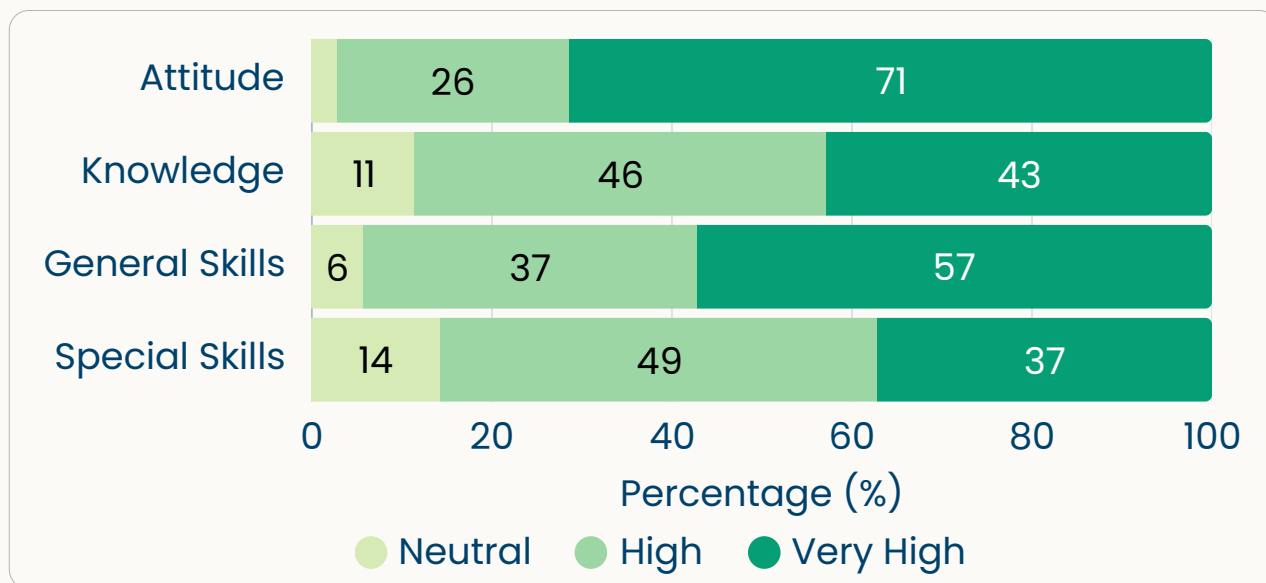


Figure 13. Contribution of Graduate Competencies to Current Job

Attitudes developed during studies play an important role in alumni’s current jobs. The knowledge, along with general and special skills acquired, is highly relevant and beneficial to their work.

15. The Desire for Lifelong Learning

The data shows a very high level of commitment to lifelong learning

- Very high
- High

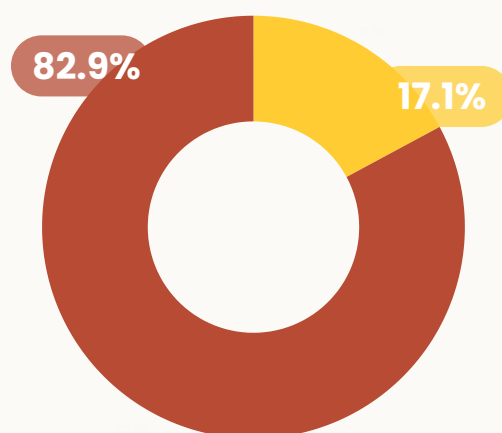


Figure 14. The Desire for Lifelong Learning

16. Benefits After Graduation

The top benefit reported by alumni was improved thinking and decision-making skills, followed by easier access to employment and opportunities for further studies. Overall, the MFST Program help advance careers, improve and provide more opportunities for growth and development.

- Improved thinking and decision-making skills
- Easier to obtain/create a job
- Opportunity to continue studies
- Job mobility opportunities
- Job promotion
- Salary increase

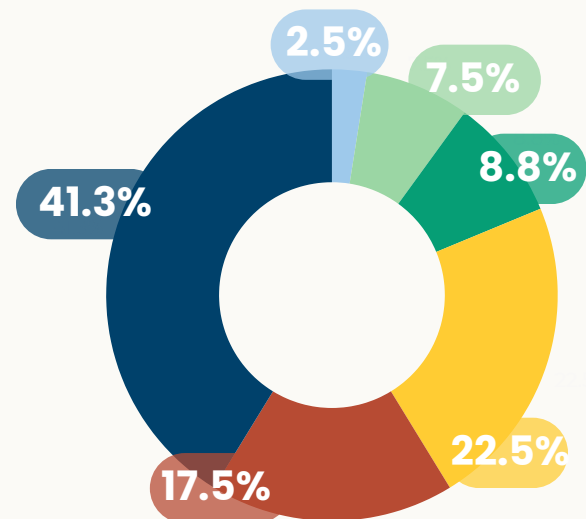


Figure 15. Benefits After Graduation

17. Media and Activities to Strengthen the Bond between MFST and Its Alumni

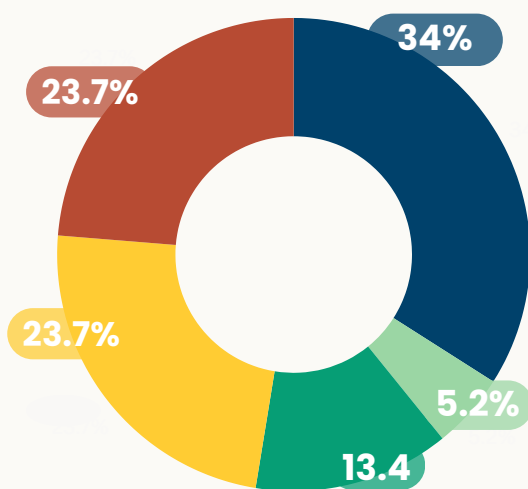


Figure 16. Media and Activities to Strengthen the Bond with Alumni

The results highlighted the importance of networking and diverse activities for alumni engagement.

- Alumni network/KAGAMA
- Tridharma activities
- Art/cultural events
- Scientific activities
- Newsletter/magazines
- Others

18. Contributions Made by Alumni to Enhance the Role of Alumni

The data highlight various ways alumni contribute to enhancing their role in supporting MFST. The alumni are most engaged in offering career-related support and academic involvement.

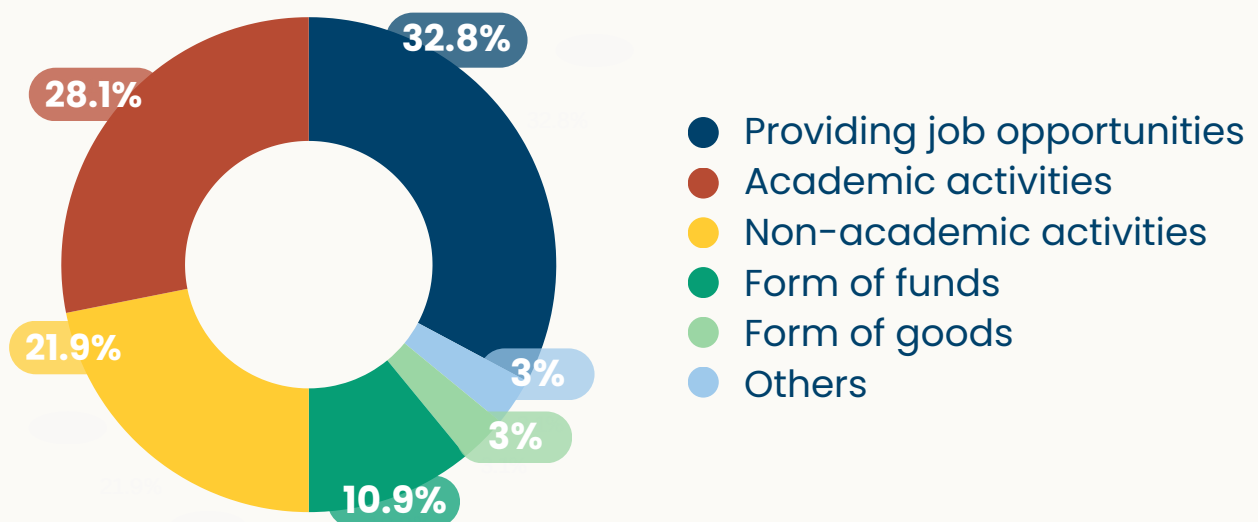


Figure 17. Contribution to Enhance the Role of Alumni

19. Suggestions for Improving the Quality of UGM Graduates

To support the improvement of UGM graduate quality, alumni provided suggestions based on their professional experiences. The key points are summarized below:

1. Curriculum and Learning

- Learning should be more outcome-based and aligned with real societal needs to ensure meaningful impact.
- Universities must continuously innovate in research and teaching while maintaining relevance to current community challenges.
- Students should be equipped with strong critical-thinking competencies

2. Internships and Practical Experience

- Increase opportunities for student exchange programs and practical exposure.
- Strengthen collaboration with industry through academic and non-academic activities to enhance both hard and soft skills.

3. Soft Skills and Personal Development

- Add structured programs focusing on personal development and character building.
- Strengthen students' social awareness and community engagement.

19. Suggestions for Improving the Quality of UGM Graduates

4. Alumni and Career Support

- Build stronger alumni networks and maintain a sense of family connection among alumni.
- Organize more programs that involve both alumni and students to help students prepare for post-graduation life.

5. Facilities and Resources

- Maintain access to selected university facilities and resources for alumni to support lifelong learning and collaboration.
- Continue improving learning resources that support competency development and professional readiness.

6. Industry Collaboration and Employment Readiness

- Expand partnerships with industries to enhance employment readiness.
- Provide structured career preparation for graduates entering various sectors (government, state-owned enterprises, private companies, etc.).

7. Entrepreneurship and Innovation

- Equip students and graduates with entrepreneurial knowledge and skills to encourage business creation.
- Encourage continuous innovation in both academic and applied contexts.

19. Suggestions for Improving the Quality of UGM Graduates

8. Communication and Learning Environment

- Strengthen relationships among master's students through more interactive activities, considering the relatively short study period.
- Maintain a collaborative, supportive academic environment that nurtures both competence and character.

9. Job Information Access

- Provide centralized and accessible job vacancy information for graduates across Indonesia.
- Increase career-oriented workshops and pre-graduation training to improve employability.

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