



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
2022

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 2022, the respondents of the Tracer Study are alumni who completed their graduation requirements in 2021/2022. 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 37 alumni participated in the 2022 Master in Food Science and Technology (MFST) UGM tracer study. Detailed information is presented in Table 1 below.

Table 1. Respondent Information

Status	2022 Tracer Study
Responded	21
Yet to Respond	16
Total Respondents	37

Based on Table 1., it can be seen that 56.76% completed the survey questionnaire, while the remaining 43.24% have not yet responded. This data is also presented visually in Figure 1.

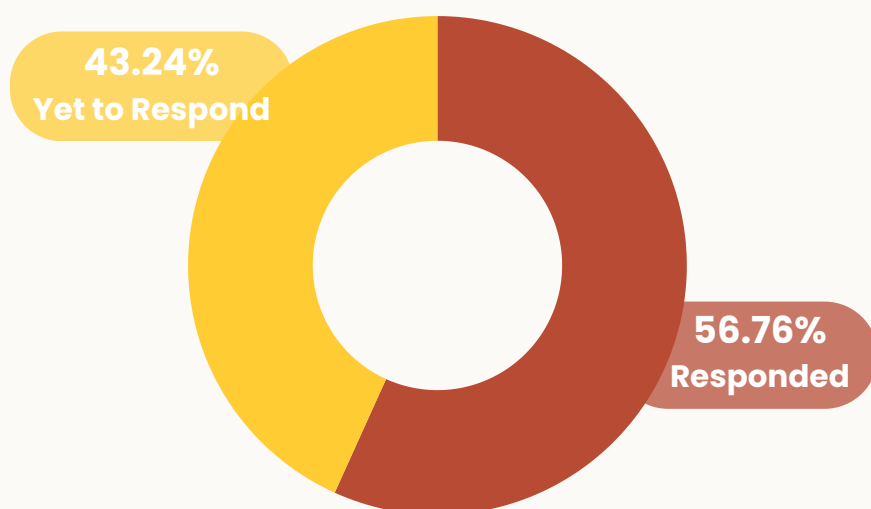


Figure 1. Response Rate of Tracer Study Participants

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)

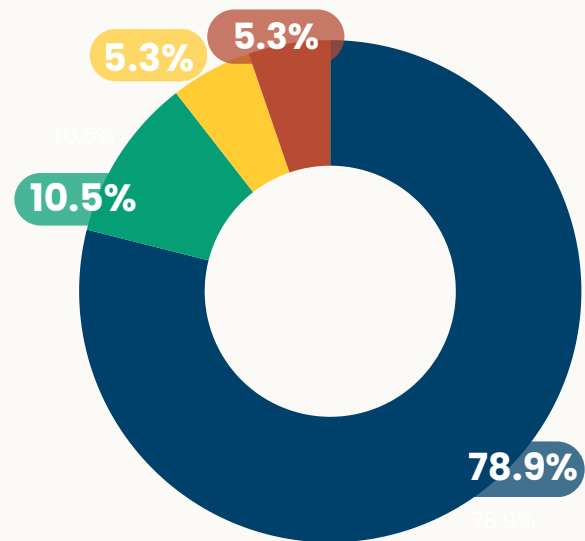


Figure 2. Activities After Graduation

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

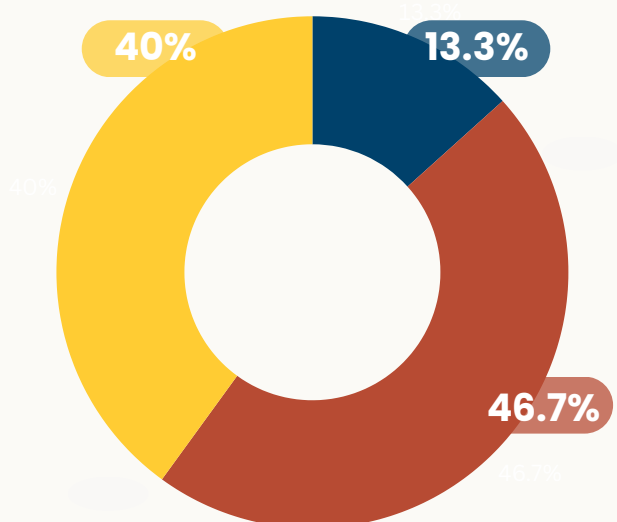


Figure 3. Waiting Time to Secure Employment

4. How Alumni Obtain Job Offers

Most MFST alumni received job offers through personal connections and social networking (20.69%), and any other other ways (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	%
Through Colleague/Relatives/Family	20.69
Social Media Networking	20.69
Others	13.79
Contacted by the Employer	3.45
Starting Business	6.9
Contacted Employer/Organization Without Job Vacancy Information	10.34
Working at the Same Place as During Studies	3.45
Obtained Information from Career Fair	3.45
Assisted by External Career Development Center	6.9
Networking During Studies	10.34

5. Type of Institution

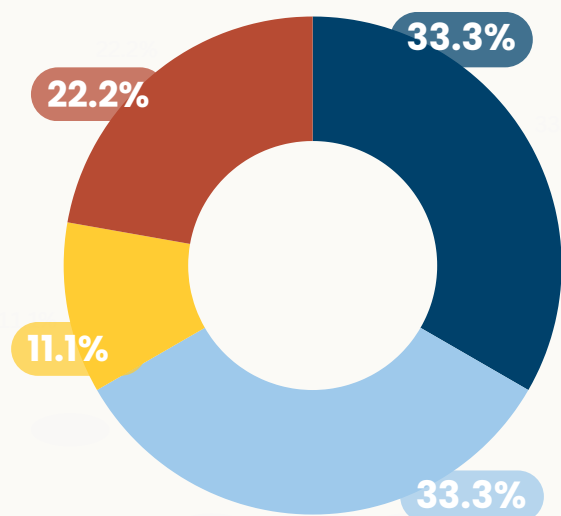


Figure 4. Type of Institution

The majority are employed in governments agencies and other employment.

- Government agency
- Private company
- Self-employed
- Others

6. Level of Institution

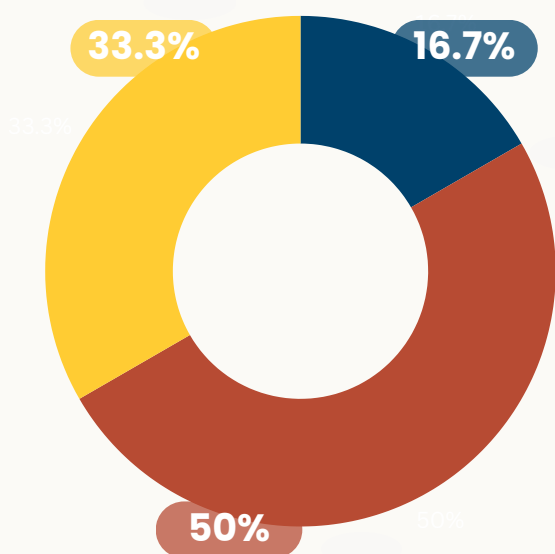


Figure 5. Level of Institution

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 (88.9%), while 11.1% are working part-time. This indicates strong opportunities for alumni to secure stable and sustainable employment.

- Full-time employment
- Part-time employment

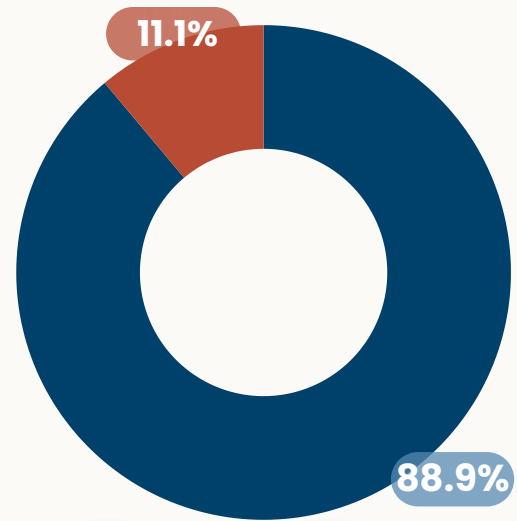


Figure 6. Current Employment Status

8. Current Job Position

The majority currently hold positions as employees or staff (55.6%), with only a small portion occupying managerial roles or running their own businesses.

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

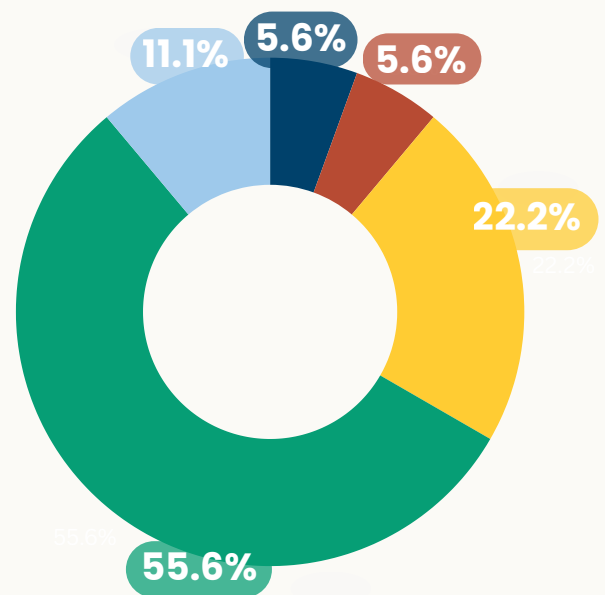


Figure 7. Current Job Position

9. Where Alumni Work

MFST alumni are employed in Java Island, particularly of Special Region of Yogyakarta, Central Java, Jakarta, East Java, and West Java.



Figure 8. Distribution of Graduate Workplaces

10. Average Monthly Income

The majority of alumni (91%) earn less than Rp5,000,000 per month, while only 9% earn above Rp7,000,000.

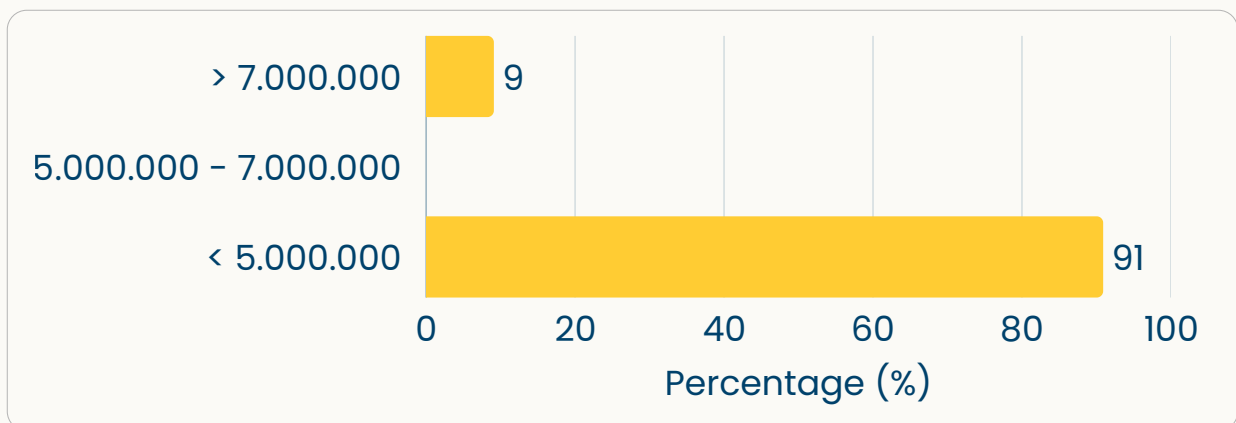


Figure 9. Average Monthly Income

11. Employer Considerations in Recruiting Alumni

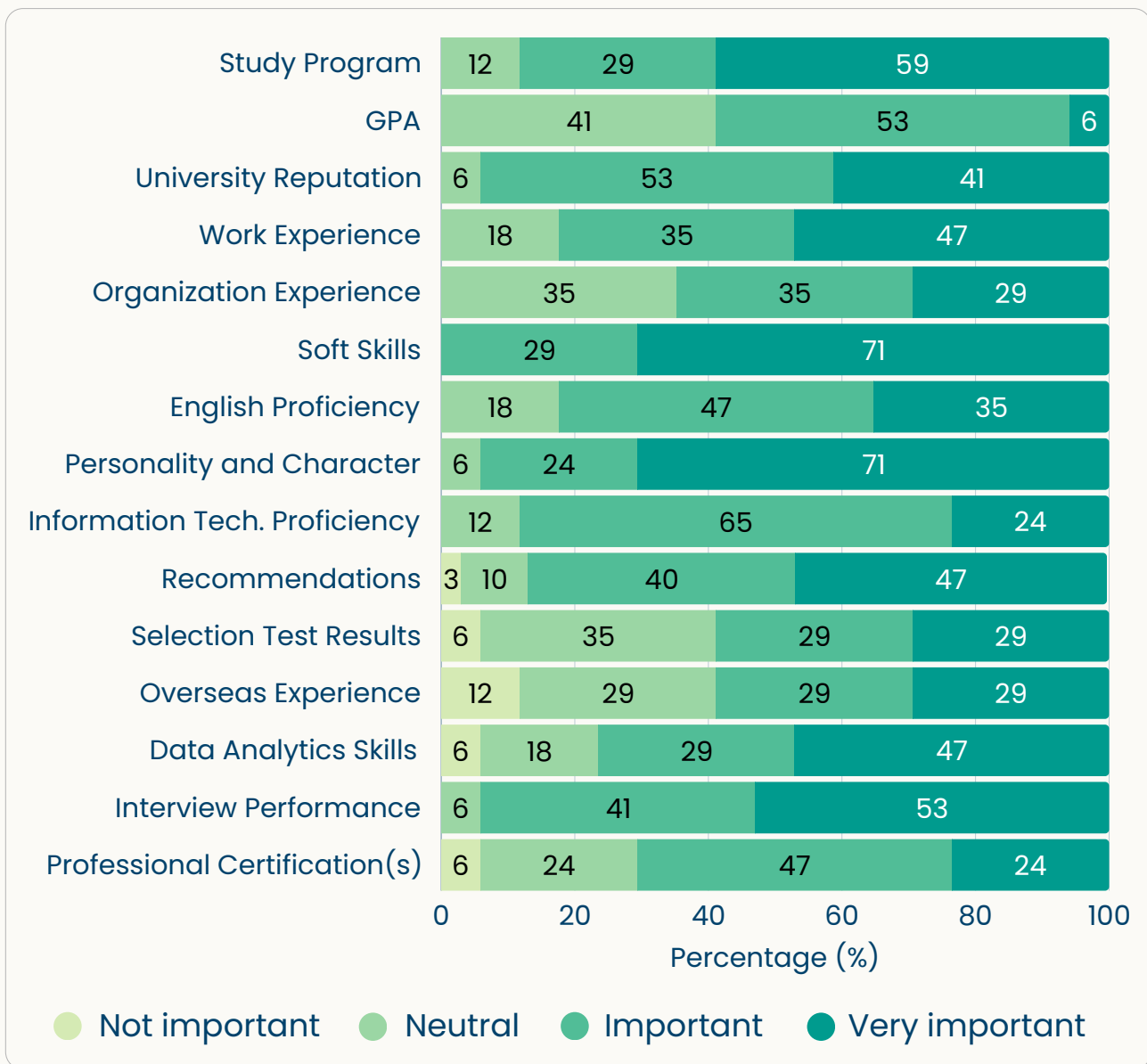
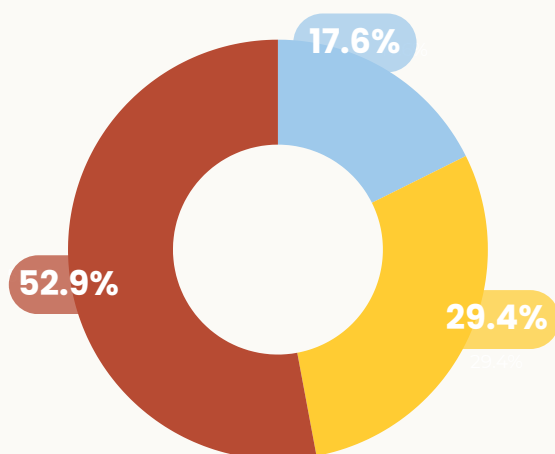


Figure 10. Employer Considerations in Recruiting Graduates

The survey results indicate that soft skills, personality and character, and study program are the most important considerations for employers in recruiting alumni. Other key factors include work experience, recommendations, and data analytics. 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

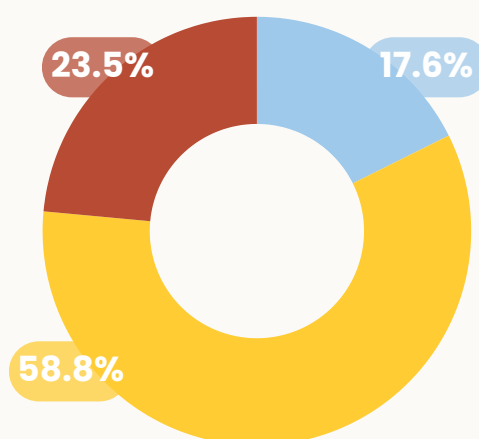


Figure 12. Satisfaction Level with Current Job

14. Contribution of Graduate Competencies to Current Job

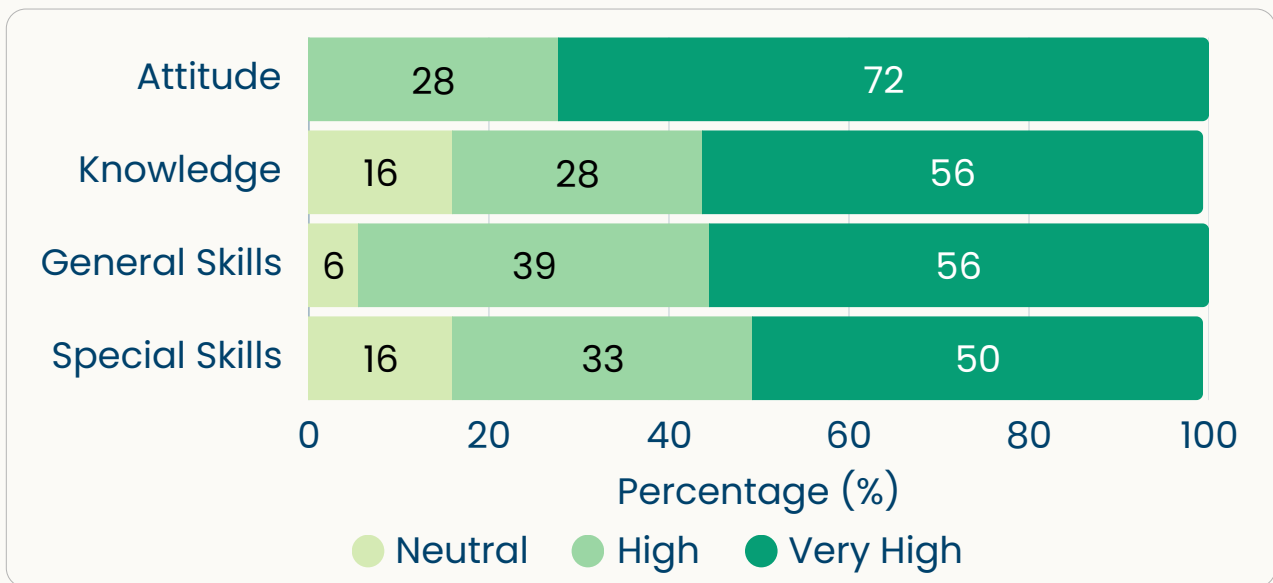


Figure 13. Contribution of Graduate Competencies to Current Job

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

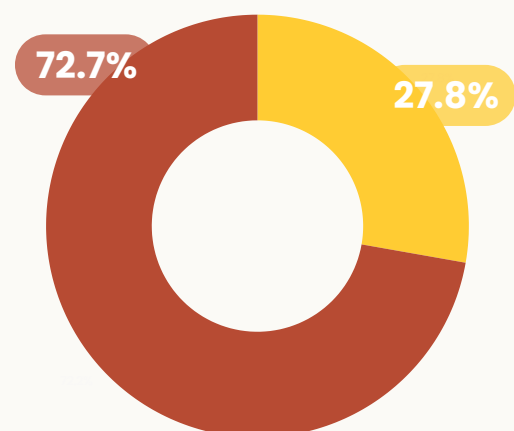


Figure 14. The Desire for Lifelong Learning

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

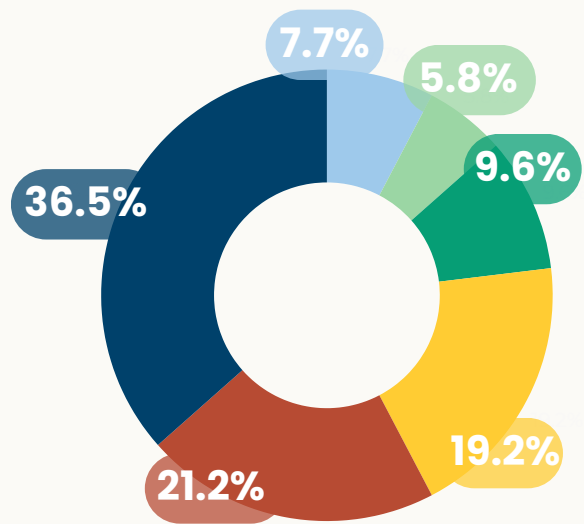


Figure 15. Benefits After Graduation

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

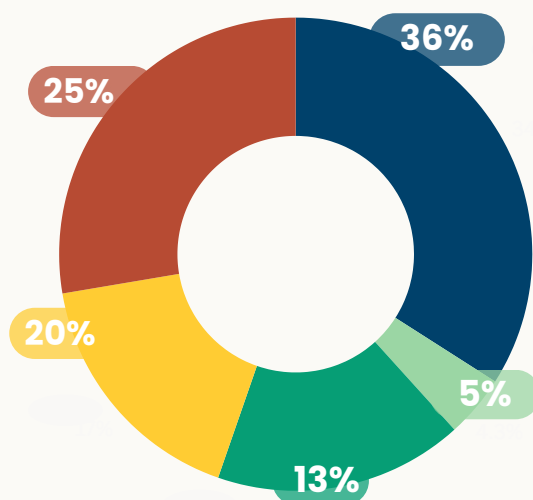


Figure 16. Media and Activities to Strengthen the Bond with Alumni

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 engage in offering career-related support and academic involved.

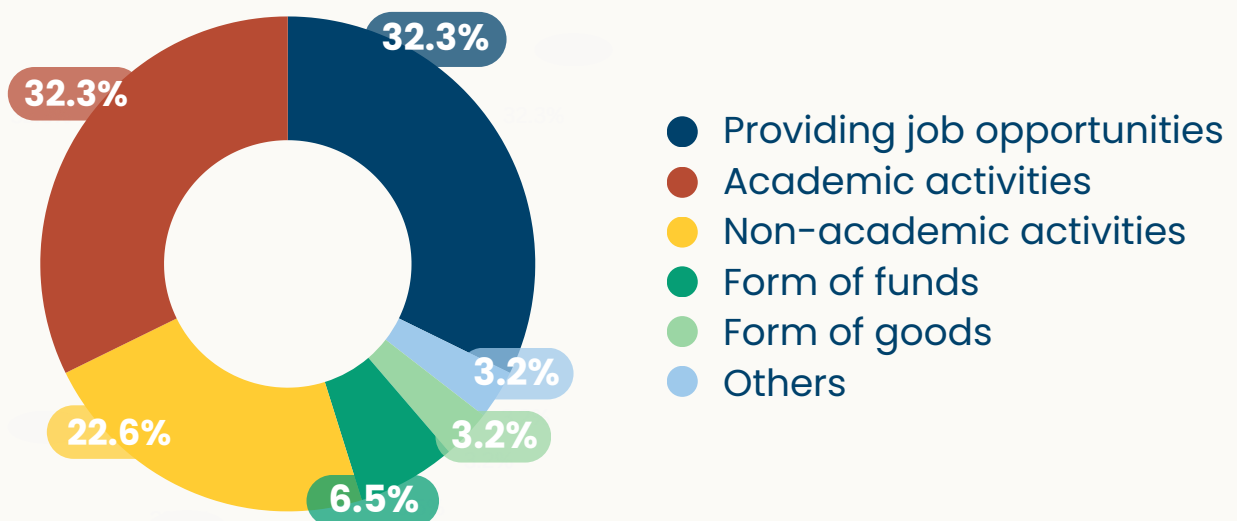


Figure 17. Contribution to Enhance the Role of Alumni

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

- Must have at least one expertise in any field of interest; most modern jobs require specific skills.
- During graduation briefings, provide general material commonly encountered in the professional world rather than overly niche academic topics.

2. Internships and Practical Experience

- More practice-based learning (integrated with soft skills).
- Improvement of hard skills even under limited conditions.

3. Soft Skills and Personal Development

- General improvement of soft skills.
- Improve student leadership, problem-solving, and decision-making skills.
- Increase the frequency of general training (e.g., Microsoft Excel, financial management) throughout the degree, not just at graduation.

19. Suggestions for Improving the Quality of UGM Graduates

4. Alumni and Career Support

- Strengthen bonds between alumni through open discussions, scientific papers, and joint service activities.
- The existence of alumni gatherings as a forum for discussion to improve professional quality.

5. Facilities and Resources

- Increase the availability of equipment in laboratories.
- Provide open and closed spaces for discussion and learning.
- Continuously improve facilities and infrastructure to achieve the best alumni outcomes.

6. Industry Collaboration and Employment Readiness

- Increase material and exposure regarding the "world of work."
- Provide training for interview skills.
- Develop cooperation with industry partners to support academic activities.

7. Entrepreneurship and Innovation

- Create a dedicated platform for the alumni network in the field of entrepreneurship to foster a positive impact.

19. Suggestions for Improving the Quality of UGM Graduates

8. Communication and Learning Environment

- Further enhance activities to strengthen bonds between students and between students and lecturers.
- Maintain and encourage "Enthusiasm" within the learning culture.

9. Job Information Access

- Maintain current job postings with a specific focus on the food industry and other vital sectors.
- Improve the accessibility of career resources by integrating them into the website or Simaster platform.

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