



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  
2025

# Introduction

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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 2025, the respondents of the Tracer Study are alumni who completed their graduation requirements in 2024 and 2025. 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](https://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

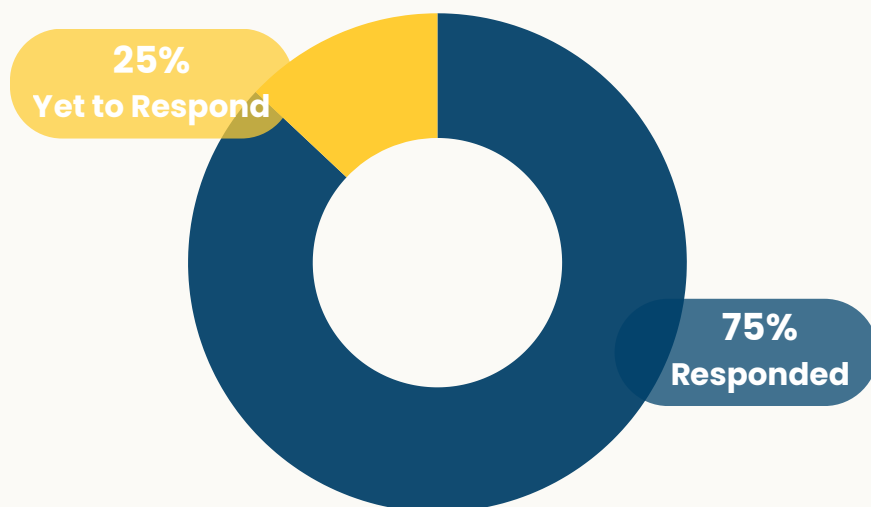
A total of 52 alumni participated in the 2025 Master in Food Science and Technology (MFST) UGM tracer study. Detailed information is presented in Table 1 below.

**Table 1.** Respondent Information

Status	2025 Tracer Study
Responded	45
Yet to Respond	7
<b>Total Respondents</b>	<b>52</b>

*Note: as per August 13, 2025*

Based on Table 1., it can be seen that 87% completed the survey questionnaire, while the remaining 13% have not yet responded. This data is also presented visually in Figure 1.

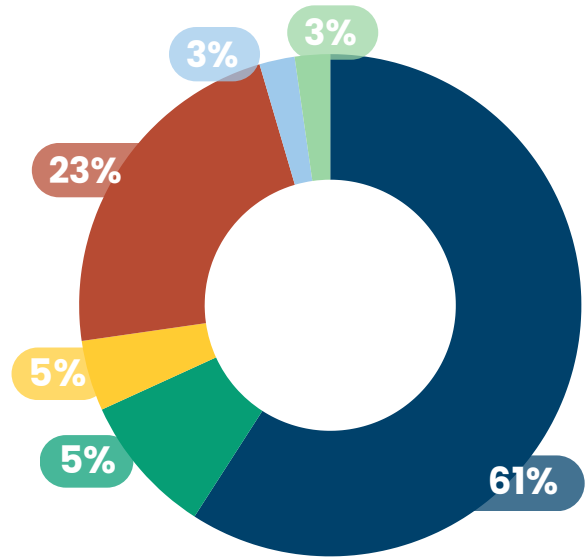


**Figure 1.** Response Rate of Tracer Study Participants

## 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)
- Pursuing studies
- Previously entrepreneurship (currently preparing a business)

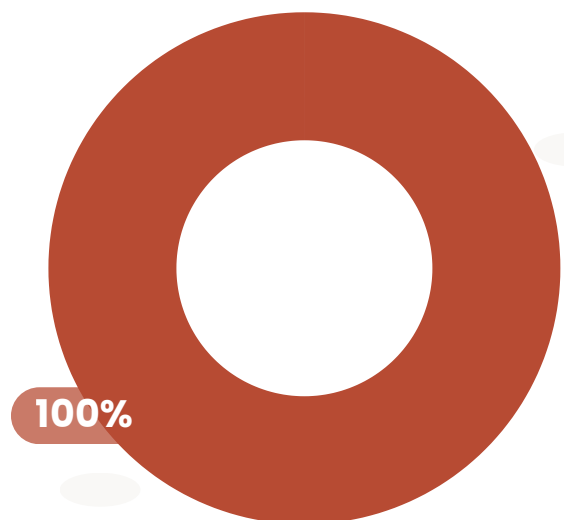


**Figure 2.** Activities After Graduation

## 3. The Waiting Time for Alumni to Secure Employment

This result indicates that all MFST alumni secure jobs within 6 months after graduating.

- < 6 month



**Figure 3.** Waiting Time to Secure Employment

## 4. How Alumni Obtain Job Offers

Most MFST alumni received job offers through social media networking (28.4%), followed by collegues/relatives/family relation (13.7%), and academic networks, (11.6%). 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	28.4
Through Collegues/Relatives/Family	13.7
Networking During Studies	11.6
Obtained Information from Career Fair	10.5
Starting Business	5.3
Contacted Employer/Organization Without Job Vacancy Information	4.2
Through Job Placement or Internship	0
Working at the Same Place as During Studies	1
Through Newspaper/Magazine/Brochure Ads	2.1
Contacted by the Employer	6.3
Assisted by External Career Development Center	2.1
Others	4.2

## 5. Type of Institution

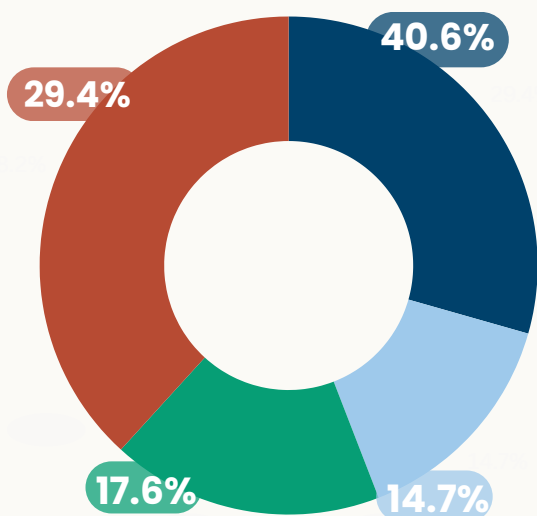


Figure 4. Type of Institution

The majority are employed in governments agencies.

- Government agency
- Private company
- Multilateral institution
- Others

## 6. Level of Institution

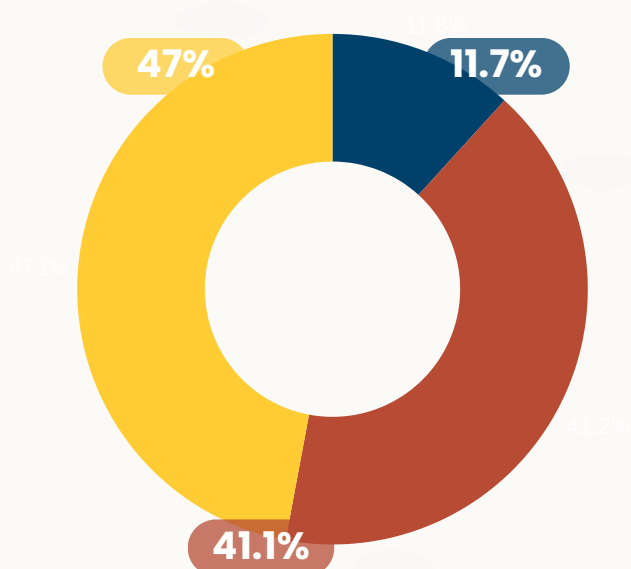


Figure 5. Level of Institution

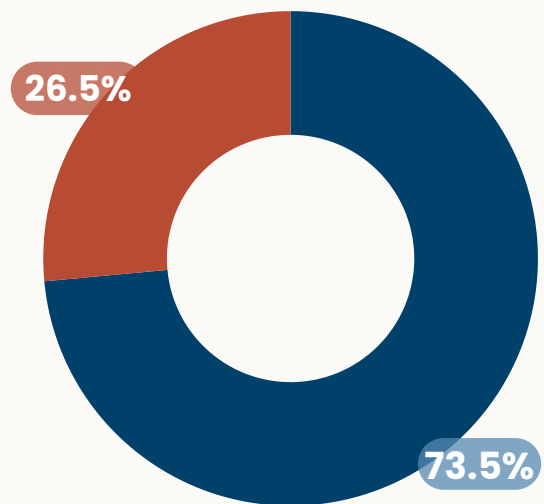
The majority of MFST alumni work for local companies.

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

## 7. Current Employment Status

The majority of MFST alumni are employed full-time (73.5%), while 26.5% are working part-time. This indicates strong opportunities for alumni to secure stable and sustainable employment.

- Full-time employment
- Part-time employment

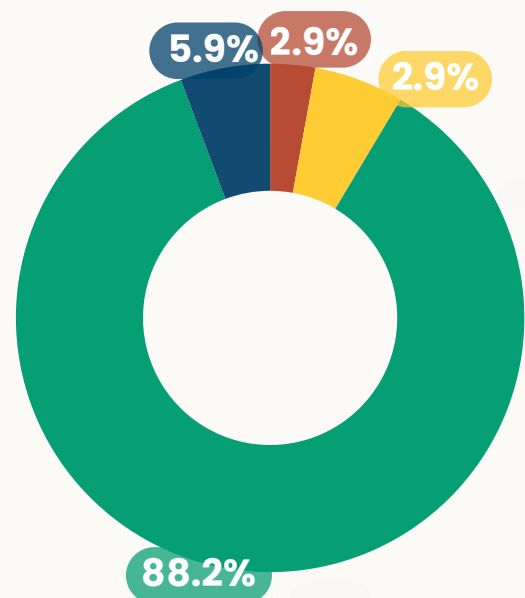


**Figure 6.** Current Employment Status

## 8. Current Job Position

The majority currently hold positions as employees or staff (88.2%), with only a small portion occupying managerial roles or top management.

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



**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, Jakarta, Central Java, and East Java.

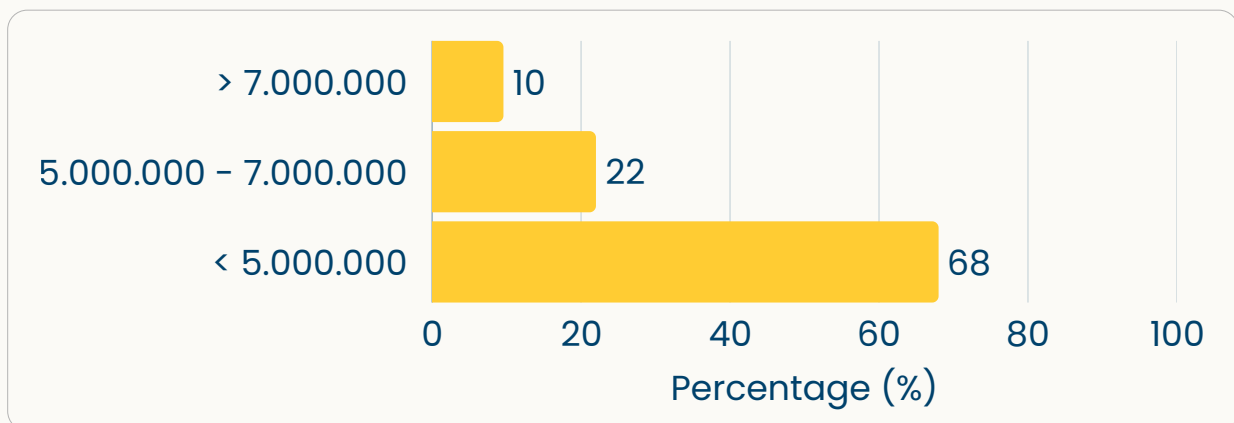
Alumni are also spread across provinces outside Java, including Lampung, West, Central and East Kalimantan, North, East, Central and West Sulawesi, West Nusa Tenggara, and Bali.



**Figure 8.** Distribution of Graduate Workplaces

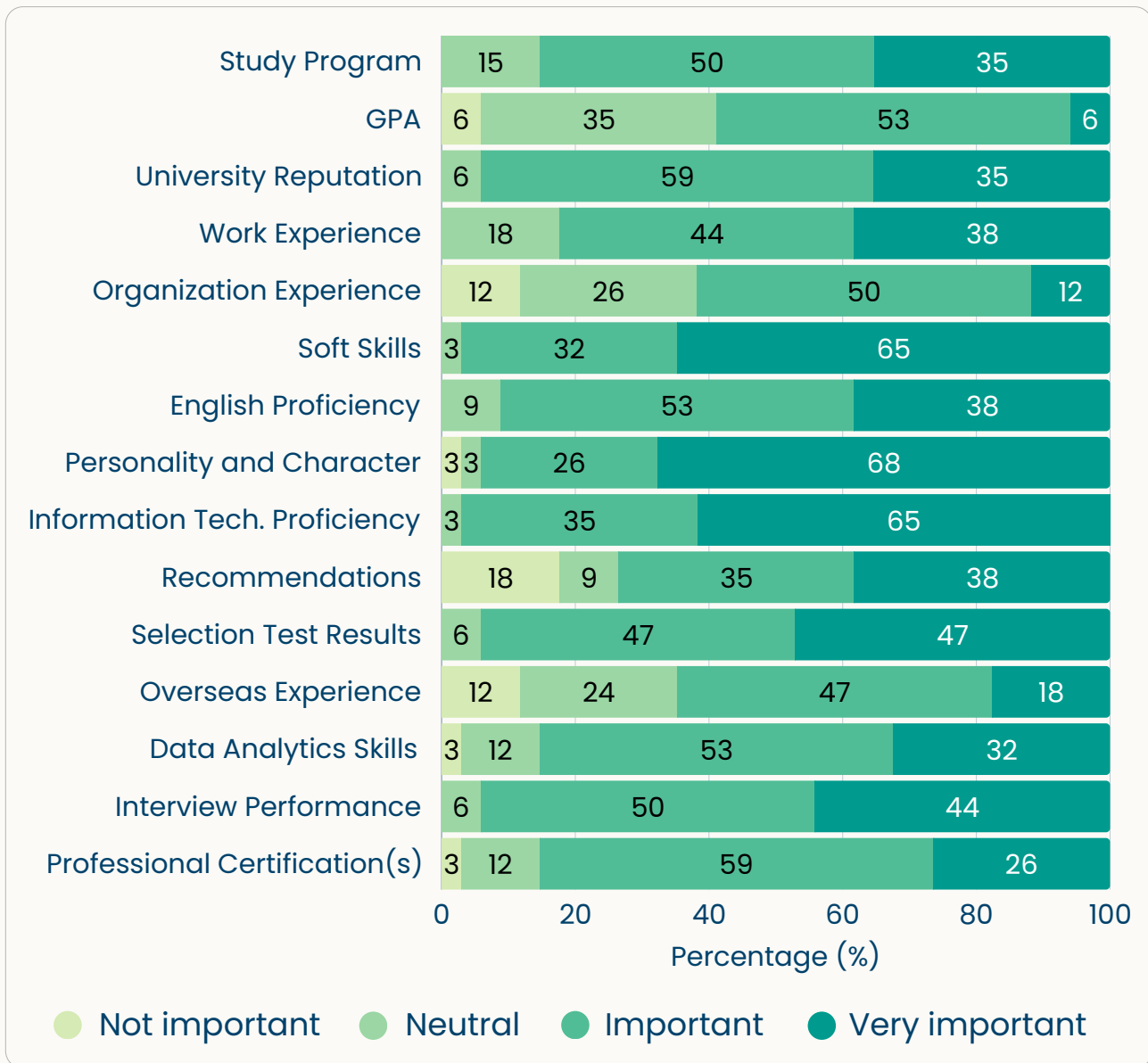
## 10. Average Monthly Income

The majority of alumni (68%) earn less than Rp5,000,000 per month. About 22% have a monthly income ranging from Rp5,000,000 to Rp7,000,000, while only 10% earn above Rp7,000,000.



**Figure 9.** Average Monthly Income

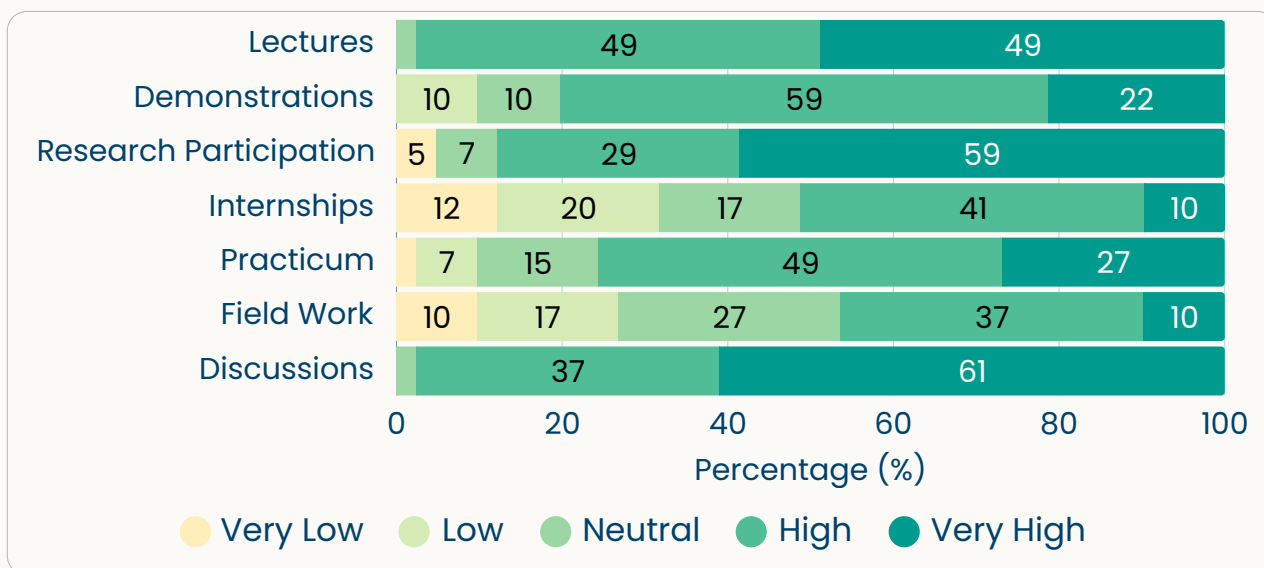
## 11. Employer Considerations in Recruiting Alumni



**Figure 10.** Employer Considerations in Recruiting Graduates

The survey results indicate that personality and character, soft skills, IT proficiency, selection test results and interview performance are the most important considerations for employers in recruiting alumni. Other key factors include recommendations, english proficiency, and data analytics skills. 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.

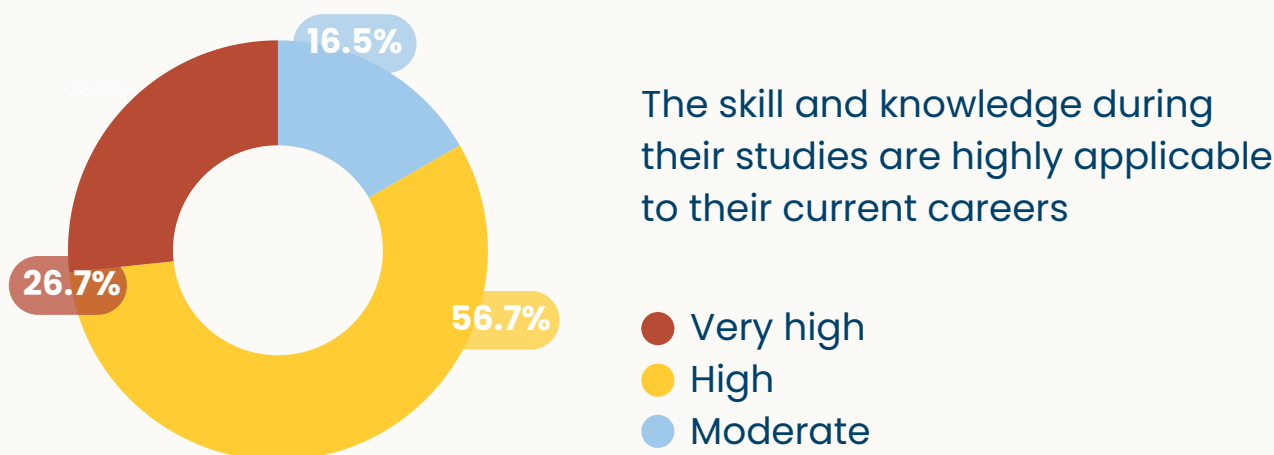
## 12. Learning Methods Emphasized in the Study Program



**Figure 11.** Learning Methods Emphasized in the Study Program

Survey results show that lectures, research project participation, and discussions are the most emphasized learning methods in the study program. This suggests that the program prioritizes active and research-oriented learning approaches. These findings also highlight the program’s focus on helping students think critically and work independently.

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



**Figure 12.** Relevance Level

## 14. Satisfaction with Current Job

This data indicates a generally positive level of job satisfaction.

- Very satisfied
- Satisfied
- Moderate

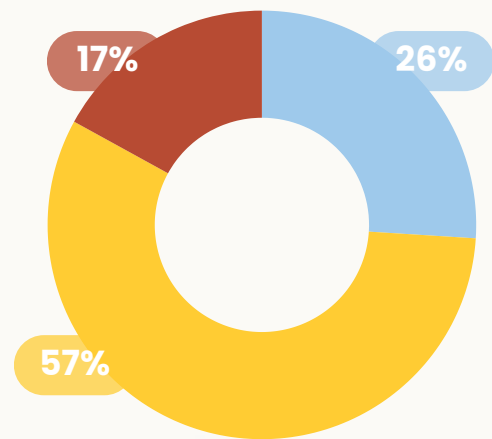


Figure 13. Satisfaction Level with Current Job

## 15. Contribution of Graduate Competencies to Current Job

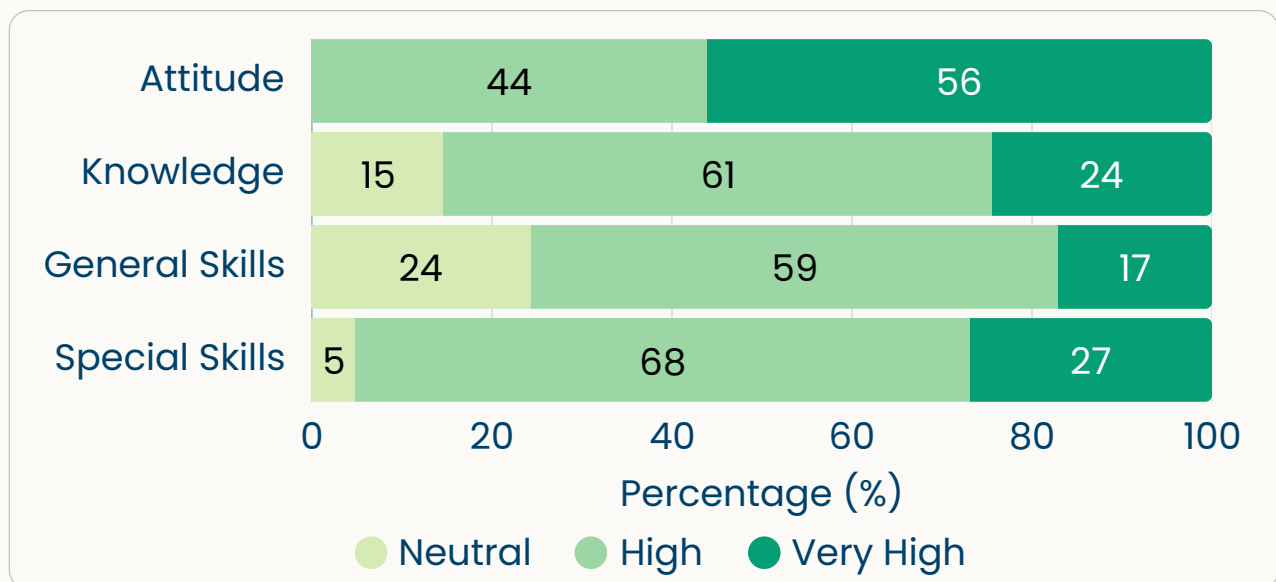


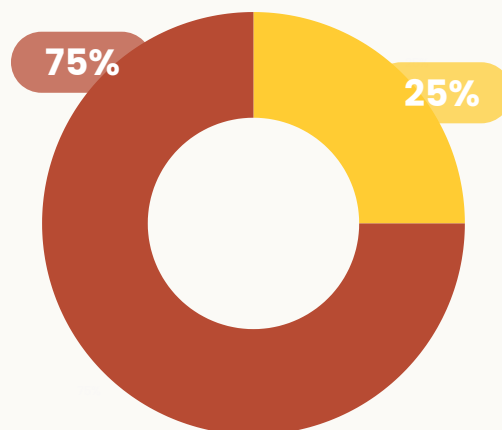
Figure 14. Contribution of Graduate Competencies to Current Job

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.

## 16. The Desire for Lifelong Learning

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

- Very high
- High

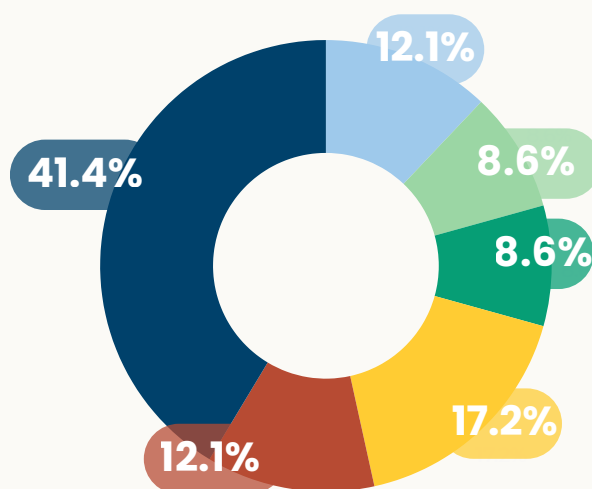


**Figure 15.** The Desire for Lifelong Learning

## 17. Benefits After Graduation

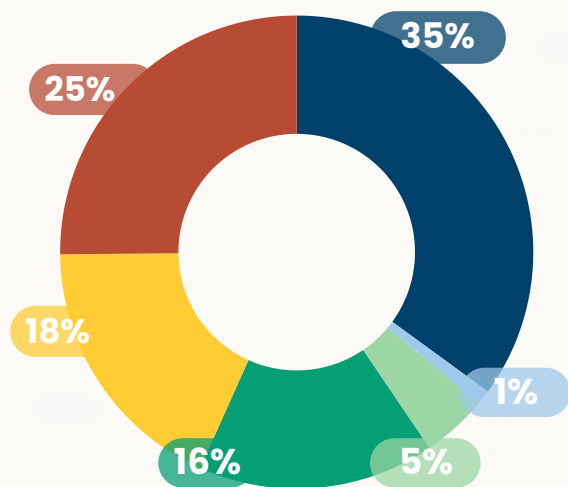
The top benefit reported by alumni was improved thinking and decision-making skills, followed by opportunities for further studies and easier access to employment and salary increase. Overall, the MFST Program help advance careers, improve and provide more opportunities for growth and development.

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



**Figure 16.** Benefits After Graduation

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



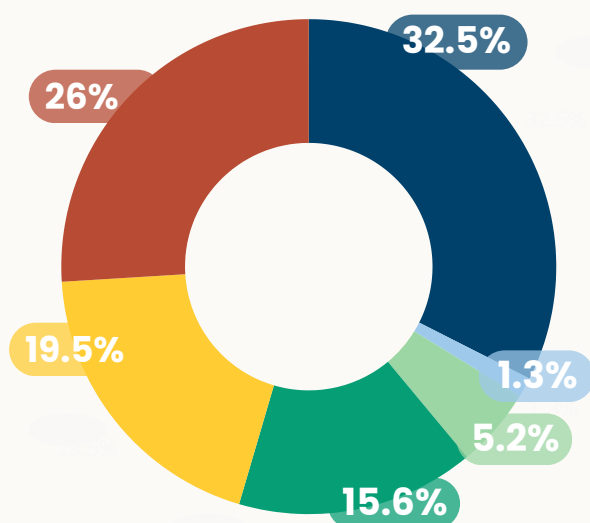
**Figure 17.** Media and Activities to Strengthen the Bond with Alumni

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

## 19. 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 18.** Contribution to Enhance the Role of Alumni

- Providing job opportunities
- Academic activities
- Non-academic activities
- Form of funds
- Form of goods
- Others

## 20. Suggestions for Improving the Quality of UGM Graduates

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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

- Greater integration of practical and applied learning, not only theory
- A balanced proportion between theory and practice in courses
- Real project-based learning
- A curriculum that is more adaptive to technological developments and labor market needs

### 2. Internships and Practical Experience

- Internships in large companies
- Industrial visits to understand real workplace processes
- Research/field practice collaboration with industries, SMEs, and institutions
- International exposure and external networking opportunities

### 3. Soft Skills and Personal Development

- More activities to develop both soft skills and hard skills
- Training in professional communication, teamwork, and stress management
- Strengthening students' and graduates' self-confidence
- Provision of professional mentoring

## 20. Suggestions for Improving the Quality of UGM Graduates

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### 4. Alumni and Career Support

- Data collection of unemployed alumni to help maximize their potential
- Strengthening the role of alumni as career mentors and advisors
- A structured system connecting alumni and students
- Career coaching before graduation

### 5. Facilities and Resources

- Improve the quality and availability of laboratory equipment.
- Increased laboratory activities
- Facility support for practicum and applied research activities

### 6. Industry Collaboration and Employment Readiness

- Strengthened collaboration with companies/industries aligned with study programs
- Expanding company networks to improve alumni employment opportunities
- Collaboration with business and industry sectors
- Development of professional skills (leadership, project management)

### 7. Entrepreneurship and Innovation

- Enhanced learning that supports entrepreneurial readiness
- Impactful and industry-relevant research collaboration (including SMEs)
- Early development of entrepreneurial skills

## 20. Suggestions for Improving the Quality of UGM Graduates

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### 8. Communication and Learning Environment

- Improved communication among lecturers and staff to avoid miscommunication
- Building a supportive academic environment while maintaining alumni connections
- Appreciation for lecturers and academic staff who maintain communication

### 9. Job Information Access

- Increased dissemination of job vacancy information
- Active alumni networks providing job and training information
- Expanding employment networks for graduates
- More systematic access to job opportunity information

MASTER IN  
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