

Alumni Evaluation Survey (AES) - Mathematics Department 41-42

Alumni Evaluation Survey (AES)

Alumni Evaluation Survey (AES):

The questionnaire consists of 30 questions related to the nine standards in addition to the open questions. Answering the items requires choosing an assessment of five Likert scales

- ✓ Strongly agree: It means that the intent is always correct.
- ✓ Strongly agree: It means that the intent is always true
- ✓ I agree: it means that the meaning is often correct.
- ✓ True to some extent: it means full approval with reservation or lack of complete rejection.
- ✓ I do not agree: it means that the meaning is often incorrect.
- ✓ Strongly Disagree: It means that the meaning is not correct

The questionnaire included nine main standards in addition to the open questions:

1. Institution Mission & Objective (2phrases).
2. Governance, leadership and Management (4 phrases).
3. Teaching and Learning (4 phrases).
4. Students (5 phrases).
5. Faculty and staff (2 phrases).
6. Institution Resources (7 phrases).
7. Research and Innovation (2phrases).
8. Institution Community relationship (7 phrases).
9. The overall evaluation (weighted mean) (one phrase).

The following results obtained from a questionnaire analysis.

The table below shows the arithmetic mean for each statement and the Agree percentage (sample size 27 graduates)

Table 1: arithmetic mean for each statement and the Agree percentage

Institution Mission & Objective	Strongly disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly agree (5)	Mean	Agree percentage
1. Students were briefed about the university mission which goes well with the nature of its activities	3.7%	22.2%	37.0%	33.3%	7.4%	3.22	64.4%
2. Students services and university resources are consistent with the university mission	3.7%	22.2%	44.4%	26.0%	3.7%	3.02	64%
Gouvernance, leadership and Management						Mean	Agree percentage
3. Students are aware of the university policies	0%	18.5%	29.6%	51.9%	0%	3.13	62.6%
4. Institution provides information about the programs, offered courses and its services to the students before registration	16.7%	44.4%	38.9%	0	0	3.22	64.4%
5. Institution provides academic advising to the students before registration	7.4%	11.1%	18.5%	51.9%	11.1%	3.48	69.6%
6. The institution takes the graduates feedback regarding university future plans	25.9%	11.1%	29.6%	29.6%	3.7%	2.74	54.8%
Teaching and Learning						Mean	Agree percentage
7. Field training programs for students and/or internships are consistent with the student major	4.2%	33.3%	29.2%	20.8%	12.5%	3.04	69.8 %
8. The institution emphasized the importance of continuous long-life learning	8.3%	41.7%	25%	16.7%	8.3%	2.75	55 %
9. The institution has helped me in developing the knowledge and skills necessary for my profession	0%	37.5%	25%	25%	12.5%	3.13	62.6 %
10. The institution has prepared me ethically for the job	3.70%	33.30%	20.60%	30.30%	12.10%	3.00	60.0%

market						Mean	Agree percentage
Students							
11. Institution provided all students with a manual containing all conduct codes that determines the student rights and liabilities	3.1%	18.5%	17.9%	52.4%	22.2%	3.10	62.0%
12. Complaining students are not subject to punishment or injustice or discrimination against them because of their grievance	8.5%	22.2%	25.9%	29.6%	15.7%	3.3	66.0%
13. Evaluation of the student by the staff members is fairly done	7.4%	25.9%	18.5%	44.4%	3.7%	3.11	62.2%
14. Staff members allowed the students to discuss their exam performance	0%	28%	45%	19.10%	7.80%	3.25	65.0%
15. Guidance were available for me (if needed)	5.6%	11.1%	13.0%	38.9%	31.1%	3.79	75.6%
Faculty and staff							
16. Staff members manifested enthusiasm and interest in what they teach	7.70%	25.20%	23.50%	24.20%	19.40%	3.20	68%
17. Staff from different departments are helpful and able to provide student related services	17.5%	20%	25%	25%	12.5%	3.30	66 %
Institution Resources							
18. Institution campus enjoys a healthy, clean and safe environment	7.4%	11.1%	29.6%	40.7%	11.1%	3.37	67.4%
19. Appropriate facilities were available for extra-curricular activities (religious-cultural, social and sporting)	3.40%	22%	28%	33%	12.50%	3.56	71.4%
20. Computer labs are up to date and appropriate for students	14.8%	33.3%	18.5%	25.9%	7.4%	2.77	55.4%
21. Classrooms were fit for learning	4.80%	38.60%	26.10%	21.50%	9.00%	3.2	64%
22. Available health services were meeting my needs	7.80%	15.90%	22.30%	19.50%	34.50%	3.63	72.6 %
23. Appropriate restaurants were available	9.40%	19.50%	28.10%	20.40%	22.60%	3.23	64.6 %
24. Facilities for special needs students were available	3.30%	23.10%	43.20%	18.30%	12.10%	3.10	62%
Research and Innovation							

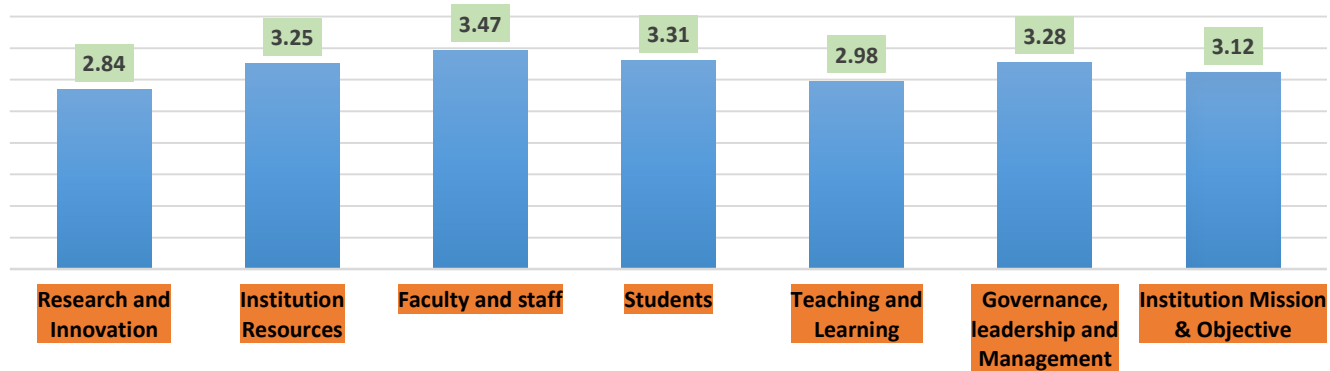
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25. Faculty involved me in their research activities	18.5%	29.6%	22.2%	25.9%	3.7%	2.67	53.4%
26. Institution provided Resources needed for research	7.7%	33.3%	25.6%	17.9%	15.4%	3	60%
Institution Community relationship							
27. Institution establishes positive relationships with the business sector and other educational institutions	8.30%	37.70%	33.6%	16.70%	3.40%	2.83	56.6 %
28. Institution has advisory board which has members from the industry to provide feedback to the university programs and its services	0%	37.5%	25%	25%	12.5%	3.13	62.6 %
29. The community services provided by the institution is satisfactory	22.2%	22.2%	18.5%	33.3%	3.7%	2.74	54.8 %
Overall Evaluation							
30. In general, what is your overall evaluation for the institution	11.10%	16.50%	43.80%	22.30%	6.30%	3.23	64.6%

Table 2: Mean of the Standard

Standard	Weight average	Satisfaction rate
Institution Mission & Objective	3.12	64.20%
Governance, leadership and Management	3.28	65.53%
Teaching and Learning	2.98	61.85%
Students	3.31	66.16%
Faculty and staff	3.47	69.40%
Institution Resources	3.25	65.09%
Research and Innovation	2.84	56.70%
Institution Community relationship	2.9	58.00%

Mean of the standard s



Analysis:

From the above table, we notice the average of the phrase whose average is less than 3 represents weaknesses points mentioned below:

- ✓ Review the indicators whose average is less than **three**, shown by the yellow bar.
- ✓ The third standard (Teaching and Learning), the institution takes the graduates feedback regarding university future plans equal 2.98.
- ✓ Also standard 7 (Research and Innovation): phrase of computer labs is up to date and appropriate for students, with an average of less than three (2.84).
- ✓ standard 8: Institution community relationship (The community services provided by the institution is satisfactory) with an average of less than three (2.9).

Generally, overall average was 68.6%

The program management should review the indicators that have **a yellow bar** in table 1.

Recommendations

- ✓ Activating community service.
- ✓ Establishing mechanism and tools to use measurement result to improve decision-making process