

Program Evaluation Questionnaire Analysis - Mathematics Department

Program Evaluation Survey (PES)_ 39-40

The questionnaire consists of 5 statements related to the mission, vision and goals. Answering the items requires choosing an assessment of five 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 at all

Program evaluation Survey (PES):

The questionnaire included four main items in addition to the open questions:

1. Help and support given to my education (7 phrases).
2. Resources for educational support (5 phrases).
3. Evaluation of the education you received (7 phrases).
4. The general weighted mean (one phrase).

Table 1. Academic levels of students responding to a questionnaire

Level	Number of participants	Participation rate
2	4	8%
3	3	5 %
4	6	11%
5	8	15.00%
6	7	13%
7	14	26%
8	12	22%
T0tal	54	100%

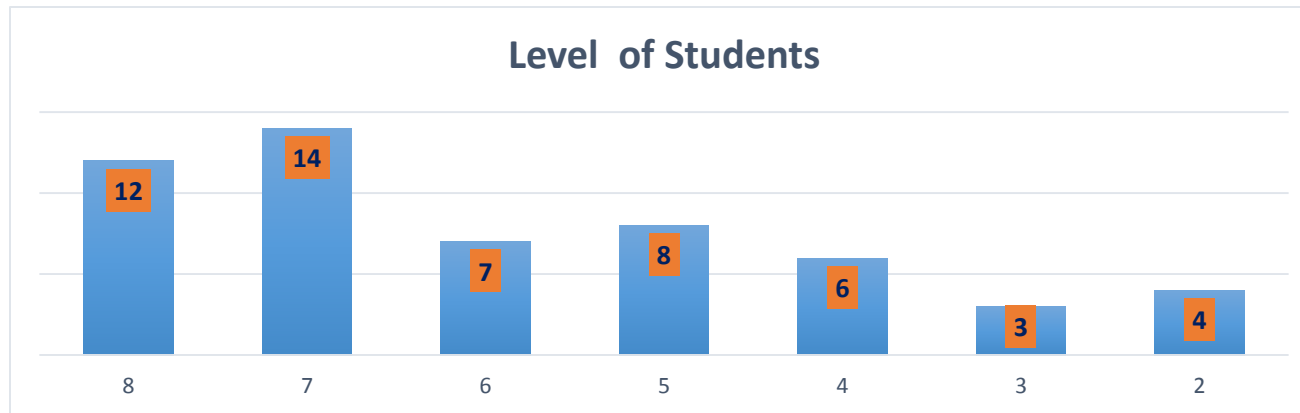


Table 2. Mean, standard deviation and satisfaction rate

Help and Support for my Learning	Mean	Standard deviation	Agree percentage
1. Adequate academic and career counselling was available for me throughout the program.	2.11	1.10	42%
2. The instructors were available for consultation and advice when I needed to speak with them.	2.14	1.40	42.8%
3. The instructors in the program inspired me to do my best.	2.5	0.98	50%
4. The instructors in the program gave me helpful feedback on my work.	2.45	1.04	49%
5. The instructors in the program had thorough knowledge of the content of the courses they taught.	2.11	1.22	42%
6. The instructors were enthusiastic about the program.	2.00	0.84	40%
7. The instructors cared about the progress of their students.	2.14	1.03	42.8%
Resources to Support my Learning			
8. Study materials in courses were up to date and useful.	2.68	1.05	53%
9. Library resources were adequate and available when I needed them.	2.32	1.22	46.4%
10. Classroom facilities (for lectures, laboratories, tutorials etc) were of good quality.	2.70	1.02	54%
11. Student computing facilities were sufficient for my needs	2.35	1.12	47%
12. Adequate facilities were available for extracurricular activities (including sporting and recreational activities).	3.2	1.40	64%
13. Adequate facilities were available for religious observances.	2.78	1.34	55.6%
14. Field experience programs (internship, practicum, cooperative training) were effective in developing my skills. (Omit this item if not applicable to your program)	2.72	0.90	54.2%
Evaluation of my Learning			
15. What I have learned in this program will be valuable for my future.	2.24	1.23	44.8%
16. The program has helped me to develop sufficient interest to want to continue to	2.16	1.27	43.2%

keep up to date with new developments in my field of study.			
17. The program has developed my ability to investigate and solve new problems.	2.01	1.11	40.2%
18. The program has improved my ability to work effectively in groups.	2.11	1.23	42.2%
19. The program has improved my skills in communication.	2.44	0.78	48.8%
20. The program has helped me to develop good basic skills in using technology to investigate issues and communicate results	2.35	1.07	47%
21. I have developed the knowledge and skills required for my chosen career.	2.34	1.32	46%
Overall Evaluation			
22. . Overall I was satisfied with the quality of my learning experiences at this institution.	2.20	1.07	44%

Analysis:

1. First item: **Help and Support for my Learning:**

Where we note the level of satisfaction is less than 50%, except for phrase 3. In general, the satisfaction rates are considered low compared to the generally accepted satisfaction rates. I recommend the department's management to work on improving this item.

2. Second item: **Resources to Support my Learning:**

Where we note the level of satisfaction is less than 50%, except for phrase 9 and 11. In general, the satisfaction rates are considered low compared to the generally accepted satisfaction rates. I recommend the department's management to work on improving library services.

Recommendations:

1. Update labs and update computers packages
2. Math program should insure that its curriculum satisfies the needs of the labor market.