

جامعة الجوف
Jouf University



Results of the opinions of faculty members about the **Computer and Network Engineering Program**

(1441/1442 AH)

Deanship of Quality and Academic Accreditation
1441 /1442 AH

Analysis of the results of opinions of faculty members about the Program 1441-1442 AH academic year.

This analysis was based on a survey specifically designed to determine the results of opinions of faculty members about the Program. This survey included Ten aspects as follows:

First theme: vision, mission and goals

Second theme: Program management

Third theme: Program Quality Assurance Department

Fourth theme: Learning and Teaching

Fifth theme: Student Affairs and Support Services

Sixth theme: Learning Resources

Seventh theme: Facilities and equipment

Eighth theme: Employment

Ninth theme: Scientific research

Tenth theme: Relationships with Society

The total number of Teaching Staff who responded to this survey (sample size) was **11**. The response of the male students to the survey was distributed as follows:

Section	Number
Teaching Staff	11

The survey used the five-point scale (Likert scale), and the mean and orientation were calculated for each item. The orientation (degree of agreement) was based on the weighted average as follows:

Weighted average value	Position (degree of agreement)
Less than 1.80	Very Low (V. Low)
From 1.80 to less than 2.60	Low
From 2.60 to less than 3.40	Average
From 3.40 to less than 4.20	High
Greater than or equal to 4.20	Very High (V. High)

To verify the validity and reliability of the statements in each theme, the validity and reliability (Alpha Cronbach) was tested on the three themes of the questionnaire as follows:

Validity and reliability coefficient of the questionnaire:

Theme	Titles of the themes of the questionnaire	Number of items in each theme	Alpha Cronbach reliability coefficient
First	vision, mission and goals	3	
Second	Program management	8	
Third	Program Quality Assurance Department	4	
Fourth	Learning and Teaching	10	
Fifth	Student Affairs and Support Services	3	
Sixth	Learning Resources	3	
Seventh	Facilities and equipment	9	
Eighth	Employment	6	
Ninth	Scientific research	6	
Tenth	Relationships with Society	3	-

Where the scale showed the validity and reliability of all the themes of the questionnaire.

The following is a summary of the results of the survey and analysis of the results:

First theme: Vision, mission and goals		Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
Statement		N	N	N	N	N			
1	1- The vision and mission of the academic program is consistent with the vision and mission of the college and university	9	2	0	0	0	100,00	5,00	V. High
2	2- The college provides an opportunity for the faculty to participate in formulating the mission, goals, and objectives of the academic program *	5	6	0	0	0	100,00	5,00	V. High
3	3- There is a plan to develop the academic program in light of specific priorities, taking into account the external environment factors that affect the demand for program graduates, and the skills they need *	4	5	2	0	0	81,82	4,09	High
							93,94	4,70	V. High

The results in the above table show that 93.94% of Teaching Staff are satisfied with first theme of the program survey which is "Vision, mission and goals". The overall weighted average is 4.7 out of 5. Therefore, the degree of agreement is Very High.

Second theme:: Program management		Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
Statement		N	N	N	N	N			
1.	1- Faculty members participate in setting the program development plan *	6	5	0	0	0	100,00	5,00	V. High
2.	2- The program provides the range of powers (roles and responsibilities) and operational procedures that define the work of the main committees, and the administrative functions within the program *	3	7	1	0	0	90,91	4,55	V. High
3.	3- Policy manuals, regulations and documents related to the program are kept in accessible locations available to all faculty members *	4	4	3	0	0	72,73	3,64	High
4.	4- The program management is keen to encourage innovation and creativity to improve the teaching performance of faculty members *	4	5	2	0	0	81,82	4,09	High
5.	5- The male and female students are represented - equally - in the membership of the relevant committees and councils. *	5	6	0	0	0	100,00	5,00	V. High
6.	6- Program planning processes, program descriptions and course curricula lead to similar levels in both halves. *	3	7	1	0	0	90,91	4,55	V. High
7.	7 - The planning and implementation processes of the program depend on the reports on the program and decisions, and information on key performance indicators *	1	7	3	0	0	72,73	3,64	High
8.	8- The program management provides adequate resources and equipment in both branches. *	3	7	1	0	0	90,91	4,55	V. High
Overall result of the theme							87,50	4,38	V. High

The results in the above table show that 87.5% of Teaching Staff are satisfied with second theme of the program survey which is "Program management". The overall weighted average is 4.38 out of 5. Therefore, the degree of agreement is Very High.

Third theme: Program Quality Assurance Department		Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
Statement		N	N	N	N	N			
1.	1- Quality assurance processes cover all aspects of program planning and implementation, and evaluating it with evidence and evidence in light of the extent to which accreditation standards are achieved *	2	9	0	0	0	100,00	5,00	V. High
2.	2- The opinions of the faculty and other beneficiaries are used when reviewing the program *	1	8	2	0	0	81,82	4,09	High
3.	3- Student evaluation processes are used in proportion to the targeted learning outcomes *	2	7	2	0	0	81,82	4,09	High
4.	4- Student evaluation processes are applied effectively and fairly, with independent verification of the level achieved *	6	3	2	0	0	81,82	4,09	High
Overall result of the theme							86,36	4,32	V. High

The results in the above table show that 86.36% of Teaching Staff are satisfied with third theme of the program survey which is "Program Quality Assurance Department". The overall weighted average is 4.32 out of 5. Therefore, the degree of agreement is Very High.

Fourth theme: Learning and Teaching		Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
Statement		N	N	N	N	N			
1.	1- Provides effective induction and training programs for new faculty and part-time or short-term staff on teaching skills and planned teaching and assessment strategies. *	1	8	2	0	0	81,82	4,09	High
2.	2- The teaching staff has the appropriate qualifications and experiences for the courses they teach *	7	4	0	0	0	100,00	5,00	V. High
3.	3- Performance indicators and benchmarks are developed and used to measure learning outcomes, the extent to which goals and objectives are achieved, and the quality of performance in the program in general *	3	6	2	0	0	81,82	4,09	High
4.	4- The faculty adheres to the teaching and evaluation strategies contained in the course and program descriptions *	3	8	0	0	0	100,00	5,00	V. High
5.	5- Appropriate modifications are made to course teaching plans, if necessary, based on what is shown in course reports *	2	7	2	0	0	81,82	4,09	High
6.	6- The teaching staff has the appropriate qualifications and experiences for the courses they teach *	3	8	0	0	0	100,00	5,00	V. High
7.	7- All faculty members participate, on an ongoing basis, in scientific activities that ensure that they remain aware of the latest developments in their fields of specialization *	4	7	0	0	0	100,00	5,00	V. High
8.	8- The teaching team in the professional programs includes some highly experienced and skilled professionals in these fields *	0	0	0	9	2	0,00	0,00	V. Low
9.	9- The targeted learning outcomes are determined from the field experience precisely (if any) *	2	8	1	0	0	90,91	4,55	V. High
10.	10- Field experience places that have the ability to achieve the targeted learning outcomes are selected and their effectiveness in providing that learning is evaluated *	2	8	1	0	0	90,91	4,55	V. High
Overall result of the theme							82,73	4,14	High

The results in the above table show that 82.73% of Teaching Staff are satisfied with fourth theme of the program survey which is "Learning and Teaching". The overall weighted average is 4.14 out of 5. Therefore, the degree of agreement is High.

Fifth theme: Student Affairs and Support Services								
Statement	Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
	N	N	N	N	N			
1. The university provides a sufficient number of faculty members to carry out the tasks of academic advising and assisting students	4	6	1	0	0	90,91	4,55	V. High
2. There are effective systems to help defaulting students and encourage excellent students	2	9	0	0	0	100,00	5,00	V. High
3. The faculty has sufficient knowledge of the different types of support services available to students in the educational institution	2	8	1	0	0	90,91	4,55	V. High
Overall result of the theme						93,94	4,70	V. High

The overall results of the fifth theme are presented in the above table. The percentage of agreement is 93.94 %, the weighted average is 4.7 out of 5, and the degree of agreement is Very High.

Sixth theme: Learning Resources								
Statement	Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
	N	N	N	N	N			
1. The faculty provides advice and contributes to evaluating the pre-planning processes to provide the resources, services and materials required to support teaching and learning, which include the necessary reference books.	3	7	1	0	0	90,91	4,55	V. High
2. The opinion of the teaching staff responsible for the courses and programs is surveyed about the adequacy of learning resources and their services, the extent of their use, and their consistency with the requirements of teaching and learning.	4	7	0	0	0	100,00	5,00	V. High
3. There are electronic databases that include references and scientific journals related to the programs offered by the university and are easily accessible	2	7	2	0	0	81,82	4,09	High
Overall result of the theme						90,91	4,55	V. High

The overall results of the sixth theme are presented in the above table. The percentage of agreement is 90.91 %, the weighted average is 4.55 out of 5, and the degree of agreement is Very High.

Seventh theme: Facilities and equipment								
Statement	Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
	N	N	N	N	N			
1. The teaching staff is consulted before purchasing the basic equipment to ensure that it is suitable for the current and expected needs that may arise in the future of the program	3	7	1	0	0	90,91	4,55	V. High
2. The facilities and equipment meet the personal health and safety requirements of the faculty, staff and students, with appropriate arrangements in place to protect their personal property.	1	9	1	0	0	90,91	4,55	V. High
3. The standards for providing facilities for teaching, laboratories and research are in line with the program and are benchmarked against similar institutions	1	10	0	0	0	100,00	5,00	V. High
4. Sufficient facilities are available for meetings and private consultations between the faculty and students	4	7	0	0	0	100,00	5,00	V. High
5. The facilities are adapted to the needs of their users with physical disabilities and special needs	2	8	1	0	0	90,91	4,55	V. High
6. Efficient security measures are available to protect the facilities and equipment designated for teaching and scientific research, with a clear definition of the responsibilities of the faculty members, departments and colleges, and the central administration	2	9	0	0	0	100,00	5,00	V. High
7. Procedures shall be put in place to regulate the joint use of facilities of little use, while providing appropriate mechanisms to protect the equipment	4	7	0	0	0	100,00	5,00	V. High
8. Computer hardware and software are available and available to the faculty, staff and students in the program	4	6	1	0	0	90,91	4,55	V. High
9. Providing training courses for the teaching staff to ensure the effective use of appropriate computer hardware and software in the field of teaching, and evaluation of the application	3	8	0	0	0	100,00	5,00	V. High
Overall result of the theme						95,96	4,80	V. High

The overall results of the seventh theme are presented in the above table. The percentage of agreement is 95.96 %, the weighted average is 4.8 out of 5, and the degree of agreement is Very High.

Eighth theme: Employment								
Statement	Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
	N	N	N	N	N			
1. 1- The recruitment and appointment processes ensure that the faculty has the required expertise in their fields, the appropriate personal characteristics and characteristics, and the experience and skills that meet the teaching requirements of the program.	1	10	0	0	0	100,00	5,00	V. High
2. 2- Candidates for employment shall be provided with complete data on job specifications and conditions of appointment, in addition to general information about the educational institution, its mission and programs.	4	7	0	0	0	100,00	5,00	V. High
3. 3- Performance evaluation criteria and procedures have been defined, and the faculty is familiarized with them in advance	5	5	1	0	0	90,91	4,55	V. High
4. 4- There is an approved and announced mechanism to evaluate the performance of faculty members in teaching various educational programs	7	4	0	0	0	100,00	5,00	V. High
5. 5- The confidentiality of the evaluation of the performance of the faculty in relation to their colleagues shall be maintained, documented and kept	7	4	0	0	0	100,00	5,00	V. High
6. 6- In cases where performance is deemed unsatisfactory, the requirements for improvement are clearly defined	4	5	2	0	0	81,82	4,09	High
Overall result of the theme						95,45	4,77	V. High

The overall results of the eighth theme are presented in the above table. The percentage of agreement is 95.45 %, the weighted average is 4.77 out of 5, and the degree of agreement is Very High.

Ninth theme: Scientific research								
Statement	Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
	N	N	N	N	N			
1. 1- The expectations related to the contributions of the faculty in the research and scientific activities are clearly defined, and their performance, compared to those expectations, is considered within the criteria for evaluating performance and promotion.	1	10	0	0	0	100,00	5,00	V. High
2. 2- The faculty is encouraged and assisted to make joint research agreements with their colleagues in other national or international educational institutions	5	5	1	0	0	90,91	4,55	V. High
3. 3- The faculty is encouraged to correlate between their courses, their research and their scientific activities, in addition to the important developments in their field of specialization.	3	6	2	0	0	81,82	4,09	High
4. 4- Financial and technical support is provided to the teaching staff to help them conduct their research projects with other national or international educational institutions	2	9	0	0	0	100,00	5,00	V. High
5. 5- Sufficient and appropriate budget and facilities are provided for conducting research to suit the institution, department, and program policies	0	11	0	0	0	100,00	5,00	V. High
6. 6- The faculty and other employees and students in the program shall abide by the rules of conduct related to ethical practices when conducting research, in the field of teaching and evaluation, and in evaluating performance, and when carrying out administrative and service activities.	4	7	0	0	0	100,00	5,00	V. High
Overall result of the theme						95,45	4,77	V. High

The overall results of the eighth theme are presented in the above table. The percentage of agreement is 95.45 %, the weighted average is 4.77 out of 5, and the degree of agreement is Very High.

Tenth theme: Relationships with Society								
Statement	Strongly Agree	Agree	Not Sure	Disagree	Strongly Disagree	% of agreement	Weighted Average	Degree of agreement
	N	N	N	N	N			
1. 1- The services that the program is committed to providing towards community service are clearly defined and that are consistent with the policies of the educational institution to serve the community and are consistent with the knowledge and experiences of the teaching staff in the program	2	9	0	0	0	100,00	5,00	V. High
2. 2- The faculty members are promoted and their performance evaluated on the contributions they make to community service	1	8	2	0	0	81,82	4,09	High
3. 3- The faculty is encouraged to participate in seminars in which important issues in society are discussed	6	4	1	0	0	90,91	4,55	V. High
Overall result of the theme						90,91	4,55	V. High

The overall results of the eighth theme are presented in the above table. The percentage of agreement is 90.91 %, the weighted average is 4.55 out of 5, and the degree of agreement is Very High.

Strengths:

- Teaching Staff are satisfied with the majority of theme of this program survey.
- Faculty members participate in the governance of the CEN program (All faculty members serve on at least one committee with clearly identified authority and responsibilities)
- NCAAA activities / process are familiar to most of the staff members.
- Staff members participate in the community services, scientific research and the improvement of teaching and learning (Mission of the Program)

Areas of Improvements:

- Program management: mechanisms for involvement and communication with staff members need to be enforced and establish clear guidelines for weakness as well as plan for improving.
- Communication of results of various quality evaluations to the staff members.
- Participation of a highly experienced professional in the field of Computer engineering in the teaching and learning.

**Improvement Action Plan Table 2020-2021 (41-42 H) For Year 2021-2022 (42-43 H)
for Computer Engineering and Networks Program**

Directions: Based on the “Annual Program Report 2020-2021”, list the recommendations identified and proceed to establish a continuous improvement action plan.

No.	Priorities for Improvement	Actions	Action Responsibility	Date		Achievement Indicators	Target Benchmark
				Start	End		
1	Train students on how to pass professional tests and job interviews	Monitor Soft Skills of the students during classes	Instructors	Oct. 2021	May 2022	Assessment of soft skills marks	60%
2	Help Students to get professional certificates	Encourage Students to register in CISCO and other Training courses	Instructors	Oct. 2021	May 2022	Number of certificates over the total number of students	5%

3	Ratio of students to teaching staff	Recruit some new female faculty members.	College/ Department	Oct. 2021	May 2022	KPI -11	8:1
4	Appoint professional experts from the industry in the professional programs to pass the practical and business expertise to the staff and students.	contact professional experts from the industry and collaborate with them	Department	Oct. 2021	May 2022	Number of professional experts over the total number of staff	20%

5	Conduct surveys regarding awareness of teaching staff & students of the updated mission & vision and Goals.	Analyze surveys results regarding awareness of teaching staff & students of the updated mission & vision and Goals.	Standard 1 Committee	Sep 2021/	October 2022	ADD KPI-04	4.5
6	Maximizing the awareness of students about the different learning resources using workshops and in-class activities	organize a workshop for students to inform them of the learning resources offered by the program	Standard 6 Committee / Head of the Department	Sep 2021/	October 2022	KPI-17	4.5

Action Plan Analysis (List the strengths and recommendations for improvement of the Program Action Plan).

Strengths:

- First-year students' retention rate
- Teaching and assessment methods using NCAAA forms and guidelines.
- Course-level CLOs have been mapped and linked to their respective Program learning outcomes (PLOs)
- CEN department has created an internal committee to review course reports, assessment reports and course student evaluations and check on their consistency.
- CEN program has established an assessment and analysis committee to analyze the validity of the exam's questions.

Recommendations:

The department will focus on this points:

- The standard 1 committee should conduct surveys regarding awareness of teaching staff & students of the updated mission & vision and Goals.
- The standard 6 committee should Maximizing the awareness of students about the different learning resources using workshops and in-class activities
- Faculty members should assist and encourage students to get professional certificates



Computer Engineering and Networks Program

Improvement Action Plan Progress Report Table

on Implementation of Improvement Action Plan 2019-2020 AD (40-41 H) in the Year 2020-2021 (41-42 H)

Based on the opinions of faculty members about the Program

Progress on Implementation of Previous Year's Action Plans					
Actions Planned	Planned Completion Date	Person Responsible	Completed	If Not Complete, Give	
				Reasons	Proposed action
Keep this good attitude by encouraging faculty members to participate in meeting about program quality assurance.	05-2021	Head of the Department	Done	---	---
Reviewing the committees every term/year.	05-2021	Head of the Department	Done	---	---
Keep encouraging the faculty members to participate in these services.	05-2021	Head of the Department	Done	---	---
Sharing the related documents in the drive of the CEN program	05-2021	CEN Program coordinator	Done	---	---
Encouraging the CEN program to higher professionals in the CEN Fields	05-2021	Head of the Department	In progress	There is no cooperation until now with experienced professionals	Discuss this point with the CEN department council to find a solution.