



Annual Program Report

| | |
|---------------------------------------|---|
| Program Name: | B.S. Information Technology |
| Qualification Level: | Bachelor of Science in Information Technology |
| Department: | Information Technology |
| College: | College of computer science at Alkamil |
| Institution: | University of Jeddah |
| Academic Year: | 2020-2021 |
| Main Location: | Jaddah-Alkamil |
| Branches offering the Program: | Faculty of Computing and Information Technology, Khulais (Male/Female) |

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A. Implementation of Previous Action Plan

Considering the recommendations of previous year annual report, list the planned actions and their status.

| Planned Actions | Responsibility of Action | Planned Completion Date | Level of Completion | | If Not Completed | |
|-----------------|--------------------------|-------------------------|---------------------|---------------|------------------|------------------|
| | | | Completed | Not Completed | Reasons | Proposed Actions |
| 1. | | | | | | |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |

B. Program Statistics

1. Students Statistics (in the year concerned)

| No. | Item | Results |
|--|--|---------|
| 65 | Number of students who started the program | 65 |
| 2 | Number of students who graduated | 0 |
| 3 | Number of students who completed major tracks within the program (if applicable) | |
| | a. | |
| | B | |
| | c. | |
| 4 | a. Number of students who completed the program in the minimal time | - |
| 5 | a. Percentage of students who completed the program in the minimal time (Completion rate) | - |
| 6 | Number of students who completed an intermediate award specified as an early exit point (if any) | - |
| 7 | Percentage of students who completed an intermediate award specified as an early exit point (if any) | - |
| Comment on any special or unusual factors that might have affected the completion rates: | | |

2. Cohort Analysis of Current Graduate Batch

| Student Categories | | Total cohort enrollment | Withdrawn | Retained till year end | Not passed | Passed | Passing rate |
|--------------------|-------|-------------------------|-----------|------------------------|------------|--------|--------------|
| Three Years Ago | Years | | | | | | |
| | M | | | | | | |
| | F | - | | | | | |
| | Total | | | | | | |
| Two Years Ago | M | 7 | 0 | | | | |
| | F | 6 | 0 | | | | |
| | Total | 13 | 0 | | | | |
| Last Year | M | 12 | 0 | 0 | 1 | 11 | 11/12 |
| | F | 5 | 0 | 5 | 0 | 5 | 5/5 |
| | Total | | | | | | |
| Current Year | M | 25 | 1 | 24 | | 24 | 100% |
| | F | 36 | 1 | 35 | 0 | 35 | 35/36 |
| | Total | | | | | | |

Comments on the results:
very satisfactory result

* add more rows for further years (if needed)

** attach separate cohort analysis report for each branch

3. Analysis of Program Statistics

(including strengths, areas for improvement, and priorities for improvement)

| |
|------------------------------------|
| Strengths : |
| |
| Areas for Improvement: |
| |
| Priorities for Improvement: |
| |

C. Program Learning Outcomes Assessment

1. Program Learning Outcomes Assessment Results.

| # | Program Learning Outcomes | Assessment Methods (Direct and Indirect) | Performance Target | Results |
|------------------------------------|---|---|--------------------|---------|
| Knowledge and Understanding | | | | |
| K1 | Acquire knowledge of computing and mathematics appropriate to the discipline including simulation and modelling. | Exams, assessment assignments | 81% | 77.28% |
| K2 | Recognize the need for and an ability to engage in continuing professional development | Exams, assessment assignments | 75.46% | 75.82% |
| K3 | Identify the best practices and standards and their applications in the field of Information Technology. | Exams, assessment assignments | 72.36% | 73.4% |
| K4 | Identify user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems. | Exams, assessment assignments | 73.6% | 77.07% |
| Skills | | | | |
| S1 | Analyze a problem to identify and define the computing requirements appropriate to its solution. | Projects, LAB, Exams | 78% | 73.67% |
| S2 | Design, implement, and evaluate complicated computer-based system, process component, or program to meet desired needs. | Projects, LAB, Exams | 75% | 73.33% |
| S3 | Apply current technical concepts and practices in the core information | Projects, LAB, Exams | 80% | 71% |

| | | | | |
|---|--|------------------------|-----|--------|
| | technologies of human computer interaction, information management, programming, networking, web systems and technologies. | | | |
| S4 | Integrate IT-based solutions into the user environment effectively. | Projects, LAB, Exams | 75% | 82% |
| S5 | Analyze user needs and apply existing state-of-the-art techniques, skills, and tools necessary for selection, creation, integration, evaluation, and administration of Computer-based systems. | Projects, LAB, Exams | 75% | 72.75% |
| Competence | | | | |
| C1 | Function effectively as a member or leader of a team engaged in activities appropriate to the Information Technology | Presentation, Projects | 70% | 58% |
| C2 | Communicate effectively in a variety of professional contexts. | Presentation, Projects | 75% | 92% |
| C3 | Adhere to professional, ethical, legal, security, and social issues and their responsibilities. | Presentation, Projects | 75% | 75% |
| C4 | Analyze the local and global impact of computing on individuals, organization, and society. | Presentation, Projects | | |
| Comments on the Program Learning Outcome Assessment results. | | | | |
| | | | | |

* Include the results of measured learning outcomes during the year of the report according to the program plan for measuring learning outcomes

** Attach a separate report on the program learning outcomes assessment results for male and female sections and for each branch (if any)

2. Analysis of Program Learning Outcomes Assessment

(including strengths, Areas for Improvement, and priorities for improvement)

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|---|
| Strengths : |
| The passing rate is good Number of students is increased during the last three years |
| Areas for Improvement: |
| |
| Priorities for Improvement: |
| |

D. Summary of Course Reports

1. Teaching of Planned Courses / Units

List the courses / units that were planned and not taught during the academic year, indicating the reasons and compensating actions.

| Course | Units/Topics | Reasons | Compensating Actions |
|--------|--------------|---------|----------------------|
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2. Courses with Variations

List courses with marked variations in results that are stated in the course reports, including: (completion rate, grade distribution, student results, etc.), and giving reasons for these variations and actions taken for improvement.

| Course Name & Code | variation | Reasons for variation | Actions taken |
|----------------------------|-----------------|-----------------------|---------------|
| All courses in second term | Online teaching | Pandemic | BlackBoard |
| | | | |

3. Result Analysis of Course Reports

(including strengths, Areas for Improvement:, and priorities for improvement)

| |
|---|
| Strengths : |
| All courses had been taught as scheduled with nearly no variation The successful implementation of online learning via BB The experiences added to students and teaching staff in teaching via BB |
| Areas for Improvement: |
| Study room for the students with supported IT preferences and projectors Labs need more attention, they are not connected to internet network No Department library |
| Priorities for Improvement: |
| Study room for the students with supported IT preferences and projectors Prepare Labs for better graduates Establish a departmental library with associated study room, both equipped with PC and printers, and connected to the internet |

E. Program Activities

1. Student Counseling and Support

| Activities Implemented | Brief Description* |
|--|---|
| Data Mining | This activity is an introduction to data mining. It explains its importance and its goals to the students. |
| Team Viewer | This workshop introduces the Team Viewer software to the students who downloaded and installed the software, got familiar with its interface and controlled a distant device. |
| Open Source Software | This activity goal is to make the students familiar with the open source software and give them an idea about their importance and advantages. |
| Academic advising day | Organized by the department |
| | |
| Comment on Student Counseling and Support** | |
| | |

* including action time, number of participants, results and any other statistics.

** including performance evaluation on these activities

2. Professional Development Activities for Faculty and Other Staff

| Activities Implemented | Brief Description* |
|---|--------------------|
| | |
| | |
| | |
| | |
| | |
| Comment on Professional Development Activities for Faculty and Other Staff** | |
| | |

* including action time, number of participants, results and any other statistics.

** including performance evaluation on these activities

3. Research and Innovation

| Activities Implemented | Brief Description* |
|---|--------------------|
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| | |
| Comment on Research and Innovation** | |
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|--|
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|--|

* including action time, number of participants, results and any other statistics.

** including performance evaluation on these activities

4. Community Partnership

| Activities Implemented | Brief Description * |
|-------------------------------------|---------------------|
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| | |
| | |
| Comment on Community Partnership ** | |
| | |

* including action time, number of participants, results and any other statistics.

** including performance evaluation on these activities

5. Analysis of Program Activities

(including strengths, Areas for Improvement:, and priorities for improvement)

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|------------------------------------|
| Strengths : |
| |
| Areas for Improvement: |
| |
| Priorities for Improvement: |
| |

F. Program Evaluation

1. Evaluation of Courses

| Course Code | Course Title | Student Evaluation (Yes-No) | Other Evaluations (specify) | Developmental Recommendations |
|-------------|--|---------------------------------|--------------------------------|-------------------------------|
| CCIT 223 | Principles of Information Technologies | Yes | Yes | |
| CCCS222 | Discrete Mathematics | Yes | Yes | |
| CCCS221 | Programming 2 | Yes | Yes | |
| CCIT 323 | System analysis and design | Yes | Yes | |
| CCIT322 | Databases | Yes | Yes | |
| CCIT321 | Operating systems | Yes | Yes | |
| | | | | |
| | | | | |

2. Students Evaluation of Program Quality

| Evaluation Date : | Number of Participants: |
|--|-------------------------|
| Students Feedback | Program Response |
| Strengths: <ul style="list-style-type: none"> Academic help and support | |
| Areas for Improvement:: <ul style="list-style-type: none"> | |
| Suggestions for improvement: <ul style="list-style-type: none"> Suggestions for improvement: Libraries and study rooms supported with IT means | |

* Attach report on the students evaluation of program quality

3. Other Evaluations

(e.g. Evaluations by independent reviewer, program advisory committee, and stakeholders (e.g., faculty members, alumni, and employers))

| Evaluation method : | Date: | Number of Participants : |
|---|------------------|--------------------------|
| Summary of Evaluator Review | Program Response | |
| Strengths: <ul style="list-style-type: none"> | | |
| Points for Improvements:: <ul style="list-style-type: none"> | | |
| Suggestions for improvement <ul style="list-style-type: none"> | | |

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* Attach independent reviewer's report and stakeholders' survey reports (if any)

4. Key Performance Indicators (KPIs)

List the results of the program key performance indicators (including the key performance indicators required by the National Center for Academic Accreditation and evaluation)

| No | KPI | Target Benchmark | Actual Value | Internal Benchmark | Analysis | New Target Benchmark |
|----|--|------------------|--------------|--------------------|----------|----------------------|
| 1 | KPI-P-01 Percentage of achieved indicators of the program operational plan objectives | | | | | |
| 2 | KPI-P-02 Evaluate students' quality of learning experiences in the program | | | | | |
| 3 | KPI-P-03 Evaluation of students' quality of courses | | | | | |
| 4 | KPI-P-04 Virtual completion rate | | | | | |
| 5 | KPI-P-05 Retention rate for first year students | | | | | |
| 6 | KPI-P-06 The level of performance of students in national tests | | | | | |
| | KPI-P-07 Employment of graduates and admission to graduate programs | | | | | |
| | KPI-P-08 Average number of students per class | | | | | |
| | KPI-P-9 | | | | | |

| | | | | | | |
|--|---|--|--|--|--|--|
| | Evaluating recruitment agencies for the efficiency of program graduates | | | | | |
| | KP1-P-10 Satisfaction of students with the services provided | | | | | |
| | KP1-P-11 Percentage of students to faculty | | | | | |
| | KP1-P-12 Percentage of faculty distribution | | | | | |
| | KP1-P-13 Dropout rate of faculty from the program | | | | | |
| | KP1-P-14 Percentage of scientific publication of faculty members | | | | | |
| | KP1-P-15 The rate of research published per faculty member | | | | | |
| | KP1-P-16 Quotation rate in court journals for each faculty member | | | | | |
| | KP1-P-17 Satisfaction of beneficiaries with learning resources | | | | | |
| Comments on the Program KPIs and Benchmarks results : | | | | | | |

5. Analysis of Program Evaluation

(including strengths, Areas for Improvement:, and priorities for improvement)

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|------------------------------------|
| Strengths : |
| |
| Areas for Improvement: |
| |
| Priorities for Improvement: |
| |

G. Difficulties and Challenges Faced Program Management

| Difficulties and Challenges | Implications on the Program | Actions Taken |
|-----------------------------|-----------------------------|---------------|
| | | |
| | | |
| | | |
| | | |

*Internal and external difficulties and challenges

H. Program Improvement Plan

| No. | Priorities for Improvement | Actions | Action Responsibility | Date | | Achievement Indicators | Target Benchmark |
|-----|----------------------------|---------|-----------------------|-------|-----|------------------------|------------------|
| | | | | Start | End | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |

I. Report Approving Authority

| | |
|----------------------------|--|
| Council / Committee | |
| Reference No. | |
| Date | |

J. Attachments :

- A separate cohort analysis report for male and female sections and for each branch
- A report on the program learning outcomes assessment results for male and female sections and for each branch (if any)
- A report on the students evaluation of program quality
- Independent reviewer's report and other survey reports (if any)