



# Programme Report for Undergraduates

٢٠١٢-٢٠١٣

# Faculty of Pharmacy

٢٠١٢-٢٠١٣

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# Educational Programme Report

## A- Basic Information:

١- **Programme Title:** Bachelor of Pharmaceutical Sciences.  
Programme type: Single  Double  Multiple

## ٢- Departments:

### A- Departments affiliated to Faculty of Pharmacy:

Pharmaceutics, Pharmacognosy, Medicinal Chemistry, Pharmaceutical Organic Chemistry, Pharmaceutical Analytical Chemistry and Industrial Pharmacy, Clinical Pharmacy (starting from ٢٠١٠/٢٠١١ academic year).

### B- Departments affiliated to Faculty of Medicine:

Microbiology and Immunology, Pharmacology, Medical Biochemistry, Anatomy, Histology, Physiology, Pathology, Public Health and Parasitology

### C- Departments affiliated to Faculty of Science:

Botany, Zoology, Physics, Chemistry, Computer and Mathematics

### D- Department affiliated to Faculty of Arts:

English language

### E- Department affiliated to Faculty of Education:

Psychology

### F- Department affiliated to Faculty of Commerce:

Accounting and Auditing, Drug marketing

### G- Department affiliated to Faculty of Law:

General Law (Human rights)

## ٣- Coordinator:

Prof. Dr. Adel F. Youssef (Department of Medicinal Chemistry).

## ٤. External Evaluator(s):

- Prof. Dr. Mohamed S. Kamel, Professor of Pharmacognosy, Faculty of Pharmacy, El- Minia University.
- Prof. Dr. Norhan H. Fanaky, Professor of Microbiology, Faculty of Pharmacy, Alexandria University.
- Prof. Dr. Mahmoud B. Ashmawy, Professor of Medicinal Chemistry, Faculty of Pharmacy, Mansura University.

٥. **Year of Operation:** Academic year, ٢٠١٢/ ٢٠١٣.

## B. Statistics

### 1. Number of students followed the programme: 2008/2009-2012/2013

3774 students were registered in the academic year 2008/2009 and (3964) students attended the programme in the academic year 2009/2010 and (3906) students at 2010/2011, and (3087) at 2011/2012 and (3624) at the academic year 2012 / 2013.

### 2. Ratio of students attending the programme 2012-2013 relative 2008-2009

The number of students attended the programme in the academic year 2012 / 2013 were 3624 versus to 3774 in the academic year 2008 / 2009 that means about 4 % decrease of number of the registered students.

### 3. Number and percentage of students passing in each level at the academic year 2012/2013.

The following table (1) represents the number of registered students and those passed in each level during the academic year 2012 / 2013.

Table (1)

Year of the programme	No. of registered students	No. passed students	% of passed students
Pre-pharmacy	836	794	94,98
First year	889	846	95,16
Second year	266	236	88,72
Third year	887	808	91,10
Fourth year	746	729	97,72
<b>Total</b>	<b>3624</b>	<b>3463</b>	<b>95,56</b>

### 4. Number of students completing the programme started at 2008/2009:

The number of students completed the programme started at the academic year 2008 / 2009 was 670 out of 847 freshman (79%) graduated at 2011/2012, and 729 out of 827 freshman (88%) graduate at 2012/2013.

### 5- Grading: number and percentage in each grade of graduates:

The following Tables 2 and 3 show the number and percentage of graduates achieving each grade in the academic year 2011/2012 and 2012/2013

**Table (٢): Number and percentage of graduates in the academic year  
٢٠١١/٢٠١٢**

Grade	Successful students												% of Passed students
	Excellent		Very good		Good		Passed		Referred students		total		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Pre- Pharmacy	٤٠	٤,٦	٢٤٦	٢٨,٥	٣٢٣	٣٧,٤	٦	٠,٧	٤٦	٥,٣	٦١٥	٩٤,٧	٩٤,٧
First year	٤	١,٧	٣٩	١٦,٣	٥٩	٢٥,٣	٣٨	١٦,٣	٤٤	١٨,٩	١٤٠	٨١,١*	٨١,١
Second year	٨٢	٩,٢	٣١٢	٣٥,١	٢٨٧	٣٢,٣	٤٦	٥,٢	٥٩	٦,٦	٧٢٧	٩٣,٤	٩٣,٤
Third year	٥٢	٦,٩	٢١١	٣٧,٨	٣٢٥	٤٢,٩	٦٥	٨,٦	٣٣	٤,٤	٦٥٣	٩٥,٦	٩٥,٦
Fourth year	٦٨	٨,٩	٣١٤	٤١,٣	٢٥٦	٣٣,٧	١١	١,٤	٤٨	٦,٣	٦٤٩	٩٣,٧	٩٣,٧

\* ٢٠١٠/٢٠٠٩ دفعة الثانوية العامة

**Table (٣): Number and percentage of graduates in the academic year  
٢٠١٢/٢٠١٣**

Grade	Successful students												% of Passed students
	Excellent		Very good		Good		Passed		Passed with course(s)		Referred students		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Pre-Pharmacy	٥٧	٦,٨٢	٣٠١	٣٦	٢٢٣	٢٦,٦٧	١١	١,٣٢	٢٠٢	٢٤,١٦	٤٢	٥,٠٢	٩٤,٩٨
First year	١٣٦	١٥,١٩	٣٤١	٣٨,٣٦	١٩٠	٢١,٣٧	١٣	١,٤٦	١٦٦	١٨,٦٧	٤٣	٤,٨٤	٩٥,١٦
Second year	٨	٣,٠١	٤٣	١٦,١٧	٨٢	٣٠,٨٣	٣١	١١,٦٥	٧٢	٢٧,٠٦	٣٠	١١,٢٨*	٨٨,٧٢
Third year	٦٧	٧,٥٥	٢٧١	٣٠,٥٥	٣٣٨	٣٧,٩٩	٤٣	٤,٨٥	١٣٩	١٥,٦٧	٢٩	٣,٣٧	٩٦,٧٣
Fourth year	٤١	٥,٥	٢٤٤	٣٢,٧١	٤٠٦	٥٤,٤٢	٣٨	٥,٠٩	--	--	١٧	٢,٢٨	٩٧,٧٢

\* ٢٠١٠/٢٠٠٩ دفعة الثانوية العامة

## ٧. First destinations of graduates

Following graduation from Faculty of Pharmacy-Assiut University, alumni are registered in the General Syndicate of Pharmacists and then practice the profession in different settings like community pharmacies, hospital pharmacies, or pharmaceutical companies. They could also work in different departments of the Ministry of Health and Population, Military Services, universities hospitals or enrolled in research institute perusing Diploma, Master or Ph.D. degrees. Some of these graduates could apply as teaching assistants posts in public and private universities. Faculty of Pharmacy Assiut University alumni Office was established to follow up and support alumni's employment. We are in the process of collecting data about alumni employment.

## C- Academic Standards

**Table (٤): C.١. Achievement of programme Intended Learning Outcomes**

Course	Programme ILOs			
	K. U*.	I.S.**	P.S.***	G.T.S****
<b>١/١. Pre-pharmacy Year, First Term</b>				
General Botany	a١, a٤	-	-	d١, d٩, d١٢
Zoology	a١	-	-	d١, d٩, d١٢
Physical Chemistry and Inorganic Chemistry	a١	-	c٧	d٩, d١٢
	a١	-	c٧	d٩, d١٢
Mathematics and statistics	a١, a١٤	-	-	d١, d٩, d١٢
English Language and Terminology	a١	-	c٤	d١, d١٢
<b>١/٢. Pre-pharmacy Year, Second Term</b>				
Organic Chemistry	a١	-	c٧	d٩, d١٢
Physics	a١, a٣	-	-	d٩, d١٢
Anatomy and Histology	a١	-	c١٣	d٩, d١٢
	a١	-	c١٣	d٩, d١٢
History of Pharmacy and introduction to pharmacy	a١	-	-	d١٢
Psychology	a١	-	-	d٥, d١٢

Table (4) Cont.

Course	Programme ILOs			
	K. U*.	I.S.**	P.S.***	G.T.S****
<b>1/3. First Professional Year, First Term</b>				
Introduction to pharmaceutical dosage forms	a <sup>1</sup> , a <sup>3</sup> , a <sup>4</sup>	b <sup>5</sup> , b <sup>6</sup>	c <sup>1</sup> , c <sup>2</sup> , c <sup>3</sup>	d <sup>1</sup> , d <sup>2</sup> , d <sup>3</sup> , d <sup>4</sup> , d <sup>5</sup> , d <sup>6</sup>
Pharmacognosy -1	a <sup>1</sup> , a <sup>4</sup>	b <sup>1</sup> , b <sup>4</sup>	c <sup>4</sup> , c <sup>5</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup>
Pharmaceutical Organic Chemistry -1	a <sup>1</sup> , a <sup>6</sup>	b <sup>3</sup>	c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup> , d <sup>6</sup>
Pharmaceutical Analytical Chemistry -1	a <sup>1</sup> , a <sup>2</sup>	b <sup>1</sup>	c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup>
Pharmacy administration	a <sup>1</sup> , a <sup>5</sup> , a <sup>8</sup>	b <sup>8</sup>	c <sup>6</sup> , c <sup>3</sup>	d <sup>8</sup> , d <sup>10</sup> , d <sup>5</sup>
<b>1/4. First Professional Year, Second Term</b>				
Physical Pharmacy -1	a <sup>1</sup> , a <sup>2</sup>	b <sup>5</sup> , b <sup>6</sup> , b <sup>7</sup> , b <sup>9</sup>	c <sup>1</sup> , c <sup>2</sup> , c <sup>3</sup>	d <sup>3</sup> , d <sup>4</sup> , d <sup>5</sup> , d <sup>6</sup>
Pharmacognosy -2	a <sup>1</sup> , a <sup>4</sup>	b <sup>1</sup> , b <sup>4</sup>	c <sup>4</sup> , c <sup>5</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup>
Pharmaceutical organic chemistry -2	a <sup>1</sup> , a <sup>6</sup>	b <sup>3</sup>	c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup> , d <sup>6</sup>
Pharmaceutical Analytical chemistry -2	a <sup>1</sup> , a <sup>2</sup>	b <sup>1</sup>	c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup>
Human rights	-	-	-	d <sup>7</sup> , d <sup>5</sup>
Physiology	a <sup>1</sup> , a <sup>2</sup>	b <sup>2</sup>	c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup>
<b>1/5. Second Professional Year, First Term</b>				
Physical Pharmacy -2	a <sup>1</sup> , a <sup>2</sup>	b <sup>5</sup> , b <sup>6</sup>	c <sup>3</sup>	d <sup>1</sup> , d <sup>8</sup> , d <sup>4</sup> , d <sup>5</sup>
Pharmacognosy -3	a <sup>1</sup> , a <sup>4</sup>	b <sup>1</sup> , b <sup>4</sup> , b <sup>5</sup>	c <sup>3</sup> , c <sup>4</sup> , c <sup>5</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup>
Pharmaceutical Organic Chemistry -3	a <sup>1</sup> , a <sup>6</sup>	b <sup>3</sup> , b <sup>11</sup>	c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup> , d <sup>6</sup>
Applied pharmaceutical and Instrumental analysis -1	a <sup>1</sup> , a <sup>3</sup> , a <sup>6</sup>	b <sup>4</sup> , b <sup>5</sup>	c <sup>2</sup> , c <sup>7</sup>	d <sup>1</sup> , d <sup>4</sup> , d <sup>5</sup> , d <sup>6</sup>
General microbiology and Immunology	a <sup>1</sup> , a <sup>7</sup> , a <sup>10</sup>	b <sup>11</sup> , b <sup>12</sup>	c <sup>2</sup> , c <sup>8</sup>	d <sup>4</sup> , d <sup>5</sup>
Pharmacy legalization	a <sup>1</sup> , a <sup>6</sup>	-	-	d <sup>7</sup> , d <sup>5</sup>

Table( 4) Cont.

Course	Programme ILOs			
	K. U*.	I.S.**	P.S.***	G.T.S****
<b>1/6. Second Professional Year, Second Term</b>				
Pharmaceutics -1	a1,a3	b1,b6,b9	c1	d1,d9,d12
Pharmacognosy -ε	a1, aε	b1,bε,b1ε	c3,cε,c9	d1,d9,d12
Pharmaceutical Organic Chemistry -ε	a1, a6	b3,b11	c7	d1,d9,d12,d13
Applied pharmaceutical and Instrumental analysis -2	a1,a3, a6	bε,b1ε	c7	d1,d9,d12,d13
Pharmaceutical Microbiology	a1,a3, a7,a11, a13	b7, b11, b12	c8	d9, d12
Pathology and Parasitology	a1,a8, a10 a1,aε, a10	- b10, b12	- c8	d1, d12, d13 d1, d9, d12
<b>1/7.Third Year Pharmacy, First Term</b>				
Pharmaceutics- 2	a1,a2,a3	b1,b6	c1	d1,d9,d12
Natural Products Chemistry -1	a1,aο, a6	b11	c2,c7,c9	d1,d9,d12,d13
Medicinal Chemistry -1	a2,a6	b3,bε, b7, b11	c7,c9	d9,d12,d13
Pharmacology -1	a1,a9,a11	b1,b2,b10,b13	c3	d2,d9,d12,d1ο
Biochemistry -1	a1,a8, a10	-	c7	d6,d9,d11,d12
Public health	a1,a7, a10	b12	c8	d9,d11,d12, d13
<b>1/8.Third Year Pharmacy, Second Term</b>				
Bio-pharmaceutics and principles of pharmacokinetics	a1,a2, a3,a9,a1ε	b1,bο,b7	cε	d1,d9,d12,d13
Chemistry of Natural Products -2	a1,aο, a6	bε, b11,b1ε	c2,c7,c9	d1,d8, d9,d12,d13
Medicinal Chemistry -2	a2,a6, a11	b3,bε, b7, b11	c7,c9, c11	d1,d8,d9,d12,d13
Pharmacology -2	a1, a9,a11	b1,b2,b10,b13	c3	d2,d9,d12,d1ο
Biochemistry -2	a1,a8, a10	-	c2,c7	d6,d9,d11,d12
Drug Marketing	a1,a1ο, a17,a18	-	c6,c12	d12,d1ε



Table( 4) Cont.

Course	Programme ILOs			
	K. U*.	I.S.**	P.S.***	G.T.S****
<b>Summer training (300 hr)</b>				
<b>1/9. Fourth Year Pharmacy, First Term</b>				
Pharmacy Practice and Hospital Pharmacy	a1,a12,a16	b1,b2,b8,b9, b10,b13,b14	c4,c7,c11,c12	d1,d2,d3,d4,d6,d7,d9, d10,d12,d13,d15
Applied Pharmacognosy -1	a1, a6	b4,b11	c2,c11	d1,d9,d12,d13
Medicinal Chemistry -3	a2, a6, a11	b3,b7,b11	c7,c9,c11	d1,d8,d9,d12,d13
Industrial Pharmacy -1	a1, a3	b11	c1,c2,c11	d1,d9,d12,d13
Toxicology and Forensic chemistry	a1, a6,a11	-	c3,c10,c11	d9,d11,d12
First aids	a1,a11	-	-	d4,d11,d12
<b>1/10. Fourth Year Pharmacy, Second Term</b>				
Clinical Pharmacy	a1,a3,a10,a12,a16, a17,a18	b1,b2,b8,b9, b10,b13,b14	c3,c4,c5,c7,c11, c12	d1,d2,d3,d4,d6,d7,d8, d9,d10,d12,d13,d15
Applied Pharmacognosy -2	a1,a5,a6,a13	b1,b4,b8,b11,b14	c2,c3,c5,c9,c11	d1,d3,d5,d8,d9,d12
Medicinal Chemistry -4	a2,a6, a11	b3,b4, b7,b11	c7,c9,c11	d1,d8,d9,d12,d13
Industrial Pharmacy -2	a1,a3,a13	b6,b11	c1,c2,c7,c11	d1,d9,d12,d13
Bioassay and Biostatistics	a1,a9,a14	b4	c2,c10,c11	d2,d9,d12

\* Knowledge and Understanding, \*\* Intellectual Skills, \*\*\* Professional and Practical Skills, \*\*\*\*General and Transferable Skills.

*The summer training also helps the students to gain many professional and practical skills in addition to some transferable skills.*

### **C.۳. Achievement of programme aims**

The system of external evaluation of the programme has been established by:

- a. Prof. Dr. Mohamed S. Kamel, Professor of Pharmacognosy, Faculty of Pharmacy, El- Minia University.
- b. Prof. Dr. Norhan H. Fanaky, Professor of Microbiology, Faculty of Pharmacy, Alexandria University.
- c. Prof. Dr. Mahmoud B. Ashmawy, Professor of Medicinal Chemistry, Faculty of Pharmacy, Mansura University.

### **C.۴. Assessment methods**

Improvement of the examination methods was establishment to assess the intellectual skills. A questionnaire filled by external evaluators for each course was conducted to get their opinion on the appropriateness of the assessment methods used with reference to the ILO's.

The students participate in planning of the examination schedules. The Vice-Dean for Educational and Students' Affairs approves and announces the time table after considering the result of the questionnaire filed by representative sample of students at each level.

### **C.۵. Student achievement**

According to the overall statistics, the percentage of succeeding graduates about ۹۰% in all years except in second year although the number of registered students was the least (۳۶۶ students). Students of this class include ۱۸۸ students graduated from secondary school academic year ۲۰۰۹/۲۰۱۰ and ۷۸ students referred from senior classes.

### **C.۶. Quality of Learning Opportunities**

#### **C.۶.۱. Quality of teaching and learning**

The faculty of pharmacy Assiut University aims to graduate highly qualified, competent pharmacists ready for work in different pharmaceutical working places like community pharmacists, industrial pharmacists, military pharmacy, medical care and medical representative jobs. The plan of the faculty is designed so that the graduate will be armed with necessary knowledge skills and capabilities to fulfill the duties of his/her job. In addition, the faculty offers postgraduate modules and performs research within the aim of national strategy and the community needs. To achieve this mission, the

faculty has set a strategic plan covering: learning and teaching, extra-curriculum activities, research, engagement with stakeholders and others, deliver advices and consultation about medicine and contribute to scientific and health care activities.

The general outline of the faculty teaching and learning strategies can be summarized in the following points:

- ١- Lectures are given in the traditional way with a special attention to confirming the flexibility of the lecture schedule based on students' opinion and the availability of presentation equipment and comfortable environment for the students attending the lectures.
- ٢- The staff members have focused on enhancing the discussion with students during lectures to deepen their understanding and widen their background. In order to overcome, the crowded theaters prepared for lectures students were divided into two sub groups and the lectures were delivered to each group according to an announced schedule. To increase the contact hours, all staff might declare their office hours from the beginning of the semesters. Furthermore the staff and teaching assistants should be available during the time of lab classes to discuss problems and answer unclear points raised by students.
- ٣- Practical sessions begin with a brief presentation that focus on the objectives of the experiments, outline the procedures to be carried as well as delineate safety measures related to the running experiment. Briefing in the class rooms (about ١٢٠ students) was followed by the practical session where students perform the experiment in groups (٢-٣) or single under direct supervision of teaching assistants and one of the staff.
- ٤- The faculty gives a special attention to set a supporting environment for students for better learning. Theaters for lectures are located in a separate unit nearby the faculty area. All theaters are well ventilated, air conditioned and supplied with audio visual facilities. Laboratories are sufficiently equipped and provided by chemicals necessary for performing the planned experiments. Safety measures in the laboratories are continuously revised and updated. Students have unlimited access to the library, computer center, student cafeteria, playground and sports hall.
- ٥- **Excellence in teaching.** According to the rules of the university, all staff must attend

training programs for developing their abilities and to enhance skills of communication. The faculty encourages international collaborations of professors and students exchange, in the context of personal development of teaching and research.

The faculty was honored by the selection of one of the staff for receiving the award of the best lecturer in Assiut University. The faculty was also honored by the award of the best department heads in Assiut University.

- ٦- **Encouraging excellent students.** A scholarship was given by Ministry of High Education as monthly grant to the excellent and very good students. The faculty celebrates graduates with highest rank during an annual graduation ceremony and to persuade other students for excellency.
- ٧- **Continuous updating and ensuring creativity in curriculum.** Each department has nominated a committee for curriculum updating to adapt the recent advances in pharmaceutical sciences and keep pace with the needs of the graduates to persuade competence and creativity.
- ٨- **Fostering self learning.** The faculty strategy is to encourage students to become independent learners and to take responsibility for self learning during their studies at university and beyond as part of lifelong learning style.
- ٩- **Availability of learning resources.** The faculty continuously supports the availability of learning resources in the form of course notes prepared by staff members. In addition, students have full access to the two libraries (staff & student) with more than ١٢,٠٠٠ titles of text books and references. The faculty committee for libraries continuously reviews and enhances the performance and support supply by new edition. Furthermore, students are encouraged to use the computer center in the faculty with access to the World Wide Web for data collection and preparation of reports.
- ١٠- **Increased contact with staff members.** The faculty encourages students to be in direct contact with staff members and their assistants. Each staff member has assigned specific office hours for unlimited meetings with students. The students at the final and pre-final levels are invited to attend, the scientific conference held once annually in each department, that allows an additional opportunity for students to discuss issues related to teaching, course content and present their own views and suggestions.

- ١١- **Recognition of student opinion in teaching and learning.** Staff members and their assistants are involved in preparing and distributing questionnaires to evaluate the student opinion in teaching and learning. These questionnaires are run and managed by the Faculty Quality Assurance Unit (FQAU) and results are analyzed and discussed during the meetings of the (FQAU) with staff members and by the department council meetings.
- ١٢- **Faculty new bylaw.** The academic year ٢٠١٢/٢٠١٣ represents the third group of graduates released according to the new faculty bylaw executed at ٢٠٠٦. Accordingly the new bylaw allows continuity of teaching the courses along two semesters. The new bylaw is expected to overcome most of the points raised by students during questionnaires and scientific annual conferences of each department.
- ١٣- **Scientific visits.** Students of fourth professional level are encouraged to participate in several visits to pharmaceutical industrial centers.
- ١٤- **Workshops and training courses.** The faculty encourages students to participate in scientific workshops and training courses. During this academic year, the department of medicinal chemistry has arranged a workshop for drug design while department of pharmaceutics in cooperation with drug information center has arranged a training course about clinical pharmacy including lectures, seminars and hospital rounds.
- ١٥- The faculty prepared exam booklet where samples of exams are included to allow the student to get familiar with the method of evaluation and assessment. Results of the periodical and practical exams are announced for students to guide self evaluation. Discussions with the examiners are always welcomed.

### **C.٥,٢- Self learning**

The faculty strategy persuades students to become independent life learners. On this way faculty provide several means to encourage self-learning like scientific report preparation, essays and posters on specific topics in different pharmaceutical sciences related to their study, guided by the faculty members. The students are encouraged to use different knowledge sources (library, e-learning and scientific databases and the internet) for data collection and analysis.

In some departments, the students are divided into small groups (٥-١٠ students) in

order to enhance cooperative and team work skills. Each group presents their report using PowerPoint data show or overhead projector facilities in an open discussion fashion during lab. period. In other departments, each student is asked to individually prepare a report on specific topic covered by the running course.

In addition posters prepared by students are evaluated by staff members and most informative posters are displayed in the concerned department. The students were encouraged to participate in discussion of different case studies in the field of clinical pharmacy, Over the Counter Drugs (OTC), practical pharmacokinetics; computer-aided drug design, structure elucidation and quality control assays are among the activities practiced by students of 3<sup>rd</sup> and 4<sup>th</sup> level.

### **C.3.3- Effectiveness of student support systems**

The faculty offers support by different means in order to ensure a successful life style for students. Examples of students support services include:

Each staff has assigned weekly office hours and the schedule was announced at the beginning of the semester during the opening lectures. Staff members were available during these office hours for students to answer unclear subjects in the course and deepen their scientific knowledge. In addition, all staff members were available during the lab hours for supervision and to conduct discussion and evaluation of the lab results.

The university student hospital keep health insurance file for students and offer medical care for the student who are in need for medical follow up. Clinical service is accessible for students from simple complaints to surgical support.

Financial support of student is offered by the Youth Welfare Office, supervised by the Vice-Dean of Educational and Students' Affairs.

Several social, sports, scientific, artistic & cultural activities are conducted every year. In the academic year 2012/2013, several achievements have been performed students union office in the following committees:

- Social Committee
- Sports Committee
- Scientific Committee
- Cultural Committee

- Artistic Committee
- Family Committee

Students' Union is elected by students at the beginning of the academic year. Its activity is exercised through the six committees above mentioned. SU acts as a strong link between students and faculty top management. This union also works to defend students' rights and find solutions for student problems that can be discussed with the faculty top management. The SU activities are financially supported partly by the university and mainly by students.

A guidebook is available to the freshman admitted in the pre-pharmacy year, and is also available in the faculty top management offices.

Limited financial support is allowed for students by the faculty and the university. Such financial support covers purchase of the text books and laboratory notes for free. Monetary needs like student hostel rate and student restaurant services are also supplied. The number of students getting monetary aids was 136 students with total sum of 17300 L.E during the year 2012/2013. The faculty staff members voluntarily provide free books for students who were not covered by the Social Solidarity Fund, in addition to monetary support. The faculty held a charity event for providing necessities for the needy students by low prices.

The University has two student dormitories; one for males and the other for females. The dormitories associated with the campus have full housing services at low cost.

The University has a central restaurant which offers low priced meals to students and assistant staff members.

The University has a central stadium, swimming pool, tennis court and covered hall equipped with sporting facilities.

The university provides comfortable air conditioned study centre available for students from 8am to 12 midnight through working days, computer and web connection are available for free. A staff is available at the evening period.

### **C.٦. Learning resources**

#### **C.٦,١.a. No. and ratio of faculty staff members and their assistants to students.**

Faculty staff : Student ratio ١:١٨

Teaching assistant: Student ratio ١:٢٢

#### **C.٦,١. b. Matching of faculty member`s specialization to programme needs.**

Adequate

#### **C.٦,١. c. Availability and adequacy of programme handbook.**

- Programme handbook is available for the fresh man
- Fliers that display important events that affected and still acting as milestones in the way of quality assurance.

#### **C.٦,١.d. Adequacy of library facilities**

Access to the student and the faculty libraries is allowed from ٨.٣٠ am to ٥ pm during working days. The students are allowed free access to student computer unit.

**Information about the faculty libraries are presented in the following table (٦)**

<b>Item</b>	<b>Number</b>
Total Foreign Books	١٢١٠٧
Total Arabic Books	١٣٤٣
Full Scientific Periodicals	٨٣
Theses	١٥٩٨
Computers	١٤
Photocopiers	٢
Microfilm Data show	٣
Microfiche Data show	١
Television and Video	١
Audio Cassette	١



**C.٦,١.e- Adequacy of laboratories**

Adequate: ٢٧ laboratories in addition to laboratories available at Faculty of Science and Faculty of Medicine.

**C.٦,١.f. Adequacy of computer facilities**

Adequate: ٣ labs general and ٢ labs for drug design, capacity ٣٠ students each.

**C.٦,١.g. Adequacy of field training resources**

Pharmaceutical factories offer a limited chance for summer training while the majority performs their training in community pharmacies.

C.6.1.h. Adequacy of other programme needs

Table (٧) : General and professional seminars and lectures. Held during ٢٠١٢/٢٠١٣

م	عنوان الندوة	التاريخ	المحاضر	عدد الحضور
١.	" لقاء مع الطلاب حول مناقشة قضايا الجودة ما بعد الاعتماد"	٢٠١٢/٢/٢٦ م	أ.د / مصطفى أحمد حسين - مدير وحدة إدارة المشروعات بالجامعة و مدير وحدة ضمان الجودة	١٧
٢.	لقاء مع مديري الإدارات حول مناقشة ابعاد الجودة الشاملة للكلية ما بعد الاعتماد	٢٠١٢/٣/٤ م	أ.د / مصطفى أحمد حسين - مدير وحدة إدارة المشروعات بالجامعة و مدير وحدة ضمان الجودة	٢٤
٣.	إجتماع الساده فريق المراجعين الداخليين بالكلية	٢٠١٢/١٠/٢ م	أ.د/ جمال أحمد صالح - عميد الكلية أ.د / مصطفى أحمد حسين - مدير وحدة إدارة المشروعات بالجامعة و مدير وحدة ضمان الجودة	٦
٤.	إجتماع لجنة مراجعة بنود الرؤية والرسالة والأهداف الإستراتيجية	٢٠١٢/١٠/٧ م	أ.د/ سيد حسن خضر - رئيس لجنة الخطة الإستراتيجية	٦
٥.	إجتماع الساده مديري الإدارات مع السيد الأستاذ الدكتور / عميد الكلية لمناقشة استعدادات الكلية للعام الجامعي ٢٠١٢/٢٠١٣ م	٢٠١٢/٩/٦ م	أ.د/ جمال أحمد صالح - عميد الكلية	٣٠
٦.	إجتماع الساده فريق المراجعين الداخليين للكلية	٢٠١٢/١١/١٧ م	أ.د/ جمال أحمد صالح - عميد الكلية	١٢
٧.	محاضرة بعنوان "Nanomedicine for Biomedical Applications"	٢٠١٢/١١/١٨ م	د/ محمود فهمي على - مدرس بقسم الصيدلانيات	١٧

Table (V): Cont.

م	عنوان الندوة	التاريخ	المحاضر	عدد الحضور
٨.	"المعلومات الدوائية ... دورها، إستراتيجيات العمل ومصادر المعلومات الدوائية"	٤-٦/١١/٢٠١٢م	صيدلانية / هبه يسرى عبد الحميد صيدلانية ماجستير / حنان محمد جابر - صيدلانية بمركز المعلومات الدوائية	٢٤
٩.	إجتماع فريق الشركة المانحة (AJA) لتجديد شهادة ISO ٩٠٠١/٢٠٠٨	٩/١٢/٢٠١٢م	السيد المهندس/ أحمد عثمان السيد الدكتور/ ناصر قورة	٢٨
١٠.	ورشة عمل " تصميم الأدوية باستخدام الحاسوب لبرنامج MOE	٢٦-٢٨/١/٢٠١٣م	قسم الكيمياء الطبية	٩٨
١١.	"مناقشة أوجه الضعف التى تكشف بالمخازن خلال العام ٢٠١٢/٢٠١٣م وكيفية معالجتها باستخدام اللوائح والقوانين المنظمة لذلك	٢٥-٢٦/٣/٢٠١٣م	أ/ مصطفى أحمد محمد يوسف - مدير الشؤون المالية	٢٩
١٢.	" التدخين وأضراره"	١٠/٣/٢٠١٣م	أ.د/ ألفت الشافعى - أستاذة العناية الحرجة بكلية التمريض	١٩
١٣.	إجتماع الساده منسقى المقررات (الفصل الدراسى الأول للعام الجامعى ٢٠١٢/٢٠١٣م) وذلك لمراجعة بعض البيانات داخل توصيف وتقرير المقررات الدراسية	٣١/٣/٢٠١٣م	أ.د/ محمود محمد شايح- مدير وحدة ضمان الجودة	١٩
١٤.	" مهام ووظائف السكرتارية"	٧/٤/٢٠١٣م	تحت إشراف قطاع خدمة المجتمع وتنمية البيئة ووحدة ضمان الجودة	٢٢
١٥.	حلقة نقاشية حول تطبيقات المخرجات التعليمية فى مقررات الصيدلة	٢٨/٤/٢٠١٣م	أ.د/ عادل فوزى يوسف - الأستاذ بقسم الكيمياء الطبية	٢٧

Table (٧) Cont :

م	عنوان الندوة	التاريخ	المحاضر	عدد الحضور
١٦.	إجتماع السيد الأستاذ الدكتور/ عميد الكلية مع السادة مديري الإدارات بالكلية	٢٠١٣/٨/١٧ م	السيد الأستاذ الدكتور / زيدان زيد إبراهيم	١٩
١٧.	إجتماع السيد الأستاذ الدكتور/ عميد الكلية مع السادة رؤساء الأقسام العلمية	٢٠١٣/٨/٢٦ م	السيد الأستاذ الدكتور / زيدان زيد إبراهيم	١١
١٨.	إجتماع السيد الأستاذ الدكتور/ عميد الكلية مع عمال الكلية	٢٠١٣/٩/٧ م	السيد الأستاذ الدكتور / زيدان زيد إبراهيم	٧٤
١٩.	إجتماع السيد الأستاذ الدكتور/ عميد الكلية مع السادة معاونى أعضاء هيئة التدريس (المدرسين المساعدين والمعيدين )	٢٠١٣/٩/١٠ م	السيد الأستاذ الدكتور / زيدان زيد إبراهيم	٢٩
٢٠.	إجتماع السيد الأستاذ الدكتور/ عميد الكلية مع السادة أعضاء اللجنة التنفيذية إدارة برنامج البدلة الإكلينيكية	٢٠١٣/٩/١٦ م	السيد الأستاذ الدكتور / زيدان زيد إبراهيم	١١
٢١.	إجتماع السيد الأستاذ الدكتور/ عميد الكلية مع السادة أعضاء هيئة التدريس	٢٠١٣/٩/١٨ م	السيد الأستاذ الدكتور / زيدان زيد إبراهيم	٤٣

## **D. Quality Management**

### **D.١. Availability of regular evaluation and revision system for the programme**

Programme monitoring is usually undertaken by the Dean and Vice-Dean for Educational and Students Affairs; they monitor the whole teaching and learning process. In addition, the faculty QA unit performs a variety of activities related to ensuring a high quality pharmaceutical education in the faculty and a good learning environment for students. On the other hand, each department participates in implementing the recommendations of the faculty administration and the faculty QA unit. The faculty has a committee for course development, committee for libraries, and committee for laboratory equipments, committee for postgraduate studies and research, committee for education and students' affairs, committee for society service and development of environment, committee for cultural affairs.

### **D.٢. Effectiveness of the system**

Student opinions about different aspects of the educational process reflected the adequacy of efforts.

### **D.٣. Effectiveness of faculty and university laws and regulations for progression and completion**

The faculty has archives of laws and regulations for progression and completion of stated Bylaws and Regulations for Undergraduate Students. All changes in structure of the faculty curriculum contents have to proceed through department recommendation committee for course development, the faculty council for education and student affairs. In case of recommended major changes applications might proceed through the University Council.

### **D.٤. Effectiveness of programme external evaluation system**

#### **D.٤.١. External evaluators**

External reviewer is a vital component of overall QA unit activities that should be performed through suitably appointed qualified and experienced people. External evaluation system of courses was started from the second semester of the academic year ٢٠٠٦-٢٠٠٧, and strictly adopted through the following academic years. An external evaluator was nominated for each course delivered by each department. The course

external evaluator is concerned by the adequacy of the written and practical examinations, assignments, and other activities fulfillment of ILO's and other points as indicated by the attached sample (Attachments)

- a. Prof. Dr. Mohamed S. Kamel, Professor of Pharmacognosy, Faculty of Pharmacy, El- Minia University.
- b. Prof. Dr. Norhan H. Fanaky, Professor of Microbiology, Faculty of Pharmacy, Alexandria University.
- c. Prof. Dr. Mahmoud B. Ashmawy, Professor of Medicinal Chemistry, Faculty of Pharmacy, Mansura University.

#### **D.٤.٧. Students**

Questionnaires were run by the Faculty Quality Assurance Unit (FQAU). The results of the questionnaires of the first semester were analyzed and discussed by the FQAU and the results were sent to each department. Questionnaires of the second semester were collected and currently processed by the FQAU. Each department held its annual scientific meeting with representative students from each academic year. The student opinions were presented and discussed with the staff members of each department. The points rose about the contents of the courses, methods of teaching and evaluation of learning styles were submitted to the department council to put in work the recommendations and strategies for future plans.

#### **D.٤.٧. Faculty response to student and external evaluations**

All the departments applied the system of external evaluation of the courses in charge. FQAU informed the Heads of departments about the results of students' evaluation and received documented responses of the departments for reform.

## **E. Proposal for Programme Development**

### **E.١. Programme structure (units/credit-hours)**

No change in the structure except computer science instead of ICDL

### **E.٢. Courses, deletions, additions and modifications.**

To be mentioned that one course has been added to have a total of ٦١ courses (according to bylaw issued ٢٠٠٦) instead of ٣٧ courses (according to bylaw ١٩٩٣). The added course is titled “human rights” and classified among social sciences and humanities. Also, computer course has been deleted according to Ministry of High Education Regulations. Physiology was shifted to the first semester while pharmacy administration shifted to the second semester of the professional level.

### **E.٣. Staff development requirements**

Development of the capabilities of the faculty staff members is achieved through:

-Increase in the number of academic staff attending and participating in educational conferences and meetings.

-All teaching assistants, lecturers and associate professors are required to attend Faculty and Leadership Development training at regular intervals (at the University LDC). These training programs are intended to develop the staff members skills in different aspects such as: thinking, communication, new research techniques, teaching techniques, time management...etc.

## **F. Progress of action plans**

**F.١ Progress of action plan ٢٠١٢/٢٠١٣** The following table lists the action plan indicating whether specific actions were completed and the reason for any non-completion.

**Table (A) :Progress of action plan ٢٠١٢/٢٠١٣**

<b>Action Identified</b>	<b>Person responsible</b>	<b>Progress of the action</b>
Activating the external evaluation system for the faculty educational courses	Head of the Department	Done
Improvement of the "lecture notes" prepared by the faculty	Faculty Staff Members	Continued
Enhancing awareness of the updated mission among faculty leaders, faculty staff, administrative personnel, alumni, students,	QA Unit & staff members	Continued
Encourage all course instructors to orient students with the course specifications during the first lecture	Faculty Staff Members	Continued
The automated computerized system for student's affairs	Vice Dean for Student affairs & Management Information system centre (MIS)	Done
Implementation of a system for better monitoring and improvement of summer training, also preparing a new summer training handbook	The Dean Vice Dean for Student affairs. Faculty Staff Members	Continued
Encouraging faculty to delineate the targeted ILO's of the delivered courses.	Faculty StaffMembers	Done
Establishing computerized database in the library.	Vice Dean for Research	Established
Providing students and research laboratories with more equipment needed to improve in laboratory educational process and to implement advanced research protocols.	The Dean Faculty Council Department councils	Partially completed
Organizing more workshops for training faculty staff on the new methods of teaching by using multimedia and e-learning.	Faculty council	Continued



**Table (A): Cont.**

Activating the external and internal evaluation system for the faculty's educational programme	Faculty council & QAU and Department	Continued
Development of Faculty central laboratories	Vice Dean for community Services & Environmental affairs Vice Dean for Research	Continued
Development of Pharmaceutical Services Centre	Vice Dean for Research	Continued
Development of pharmaceutical studies research center of Medicinal Plants.	The Dean Head of the Pharmacognosy Department	Continued
Conducting work shops for students in the course of career development programme Recruitment and Training Committee (RTC).	Vice Dean for Student affairs. Vice Dean for community Services & Environmental affairs Student Union	Continued students achieved the training allover the two semester and summer holiday

**F.۲. Progress of action plan ۲۰۱۳/۲۰۱۴**

Table (۹): The action plan that will be acted upon throughout ۲۰۱۳/۲۰۱۴

<b>Action required</b>	<b>Person responsible</b>	<b>Date of completion</b>
Adherence to the external evaluation system for the delivered courses	Heads of Department	Continued
Enhancing awareness of the updated mission among faculty leaders, faculty staff, administrative personnel, alumni, students, and collaborative bodies.	QAU & staff members	Continued through meetings and training lectures
Encouraging faculty to delineate the targeted ILO's of the delivered courses.	Faculty Staff Members	Done
Encourage all course instructors to orient students with the course specifications during the first lecture	Faculty Staff Members	Continued
The automated computerized system for student's affairs	Vice Dean for Student affairs & Management Information system centre (MIS)	Continued
Providing students and research laboratories with more equipment needed to improve the practical educational process and to implement advanced research protocols.	The Dean Faculty Council	Continued
Organizing more workshops for training faculty on the new methods of teaching by using multimedia and e-learning.	Faculty council	Continued
Activating the external and internal evaluation system for the faculty's educational programme	Faculty council & QA Unit	Done

Table (٩): Cont.

The faculty obtained the quality management certificate (ISO).	Faculty council & QA Unit	Renewed
Development of Faculty central lab.	Vice Dean for community Services & Environmental affairs Vice Dean for Research	Continued
Development of Pharmaceutical Services Centre	Vice Dean for Research	Continued
Development of pharmaceutical studies Research centre of Medicinal Plants.	The Dean Head of the Pharmacognosy Department	Continued
Conducting workshops for students in the course of career development programme Recruitment and Training Committee (RTC).	Vice Dean for Student affairs. Vice Dean for community Services & Environmental affairs	Continued
Consideration of statistical comparisons of results concerning the student performance analysis	Faculty QA Unit	To be considered

**Prepared by: Teem of Programme Specifications**

١. **Prof. Dr. / Hanaa M. Sayed**

٢. **Prof. Dr. / Nadia A. Mahfouz**

٣. **Prof. Dr. / Safaa A. Elmoghazy**

٤. **Dr. / Eman S. Khalaf**

**Programme Coordinator: Prof. Dr. / Adel F. Youssef**



جامعة أسيوط

دراسة مدى تأثير سلة درجات الإنجاح على النتائج العامة للفرق

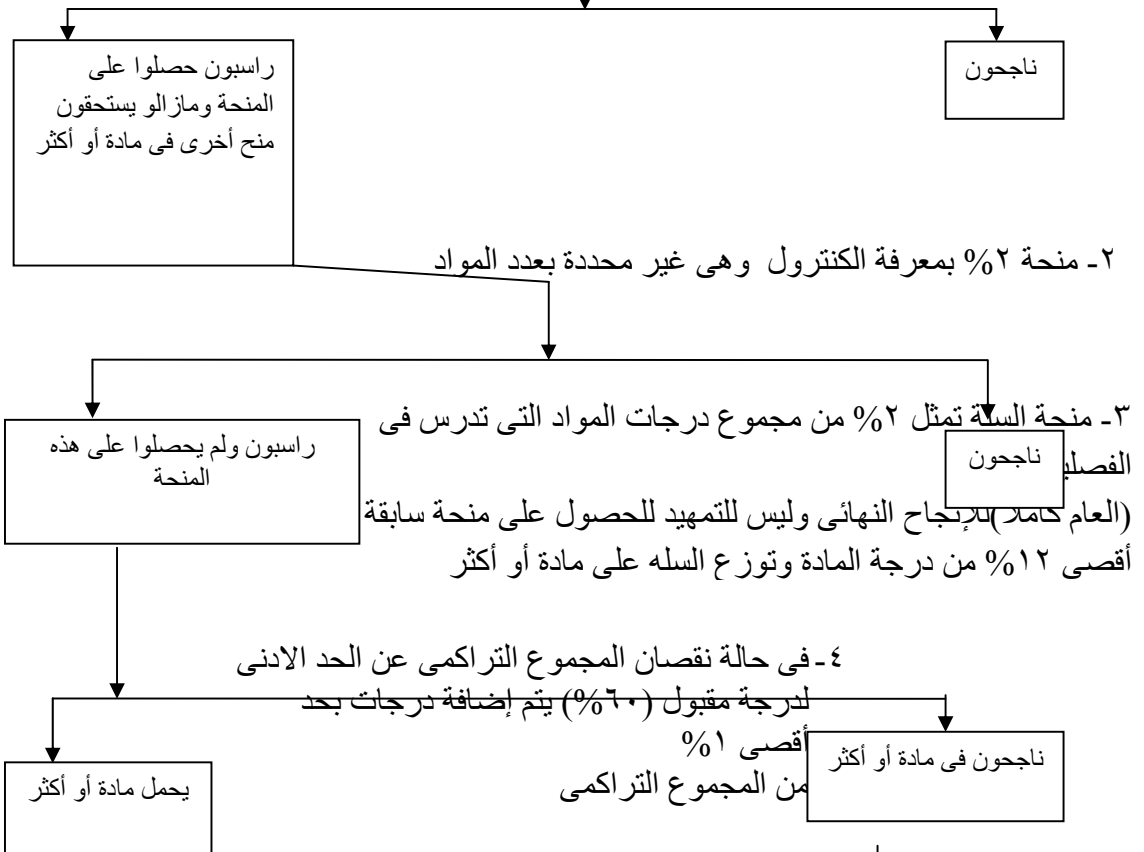
الدراسية المختلفة

تحليل النتائج وإقتراحات تصويب المسار

## مخطط (١) مراحل توزيع درجات الرأفة للإنجاح في المواد

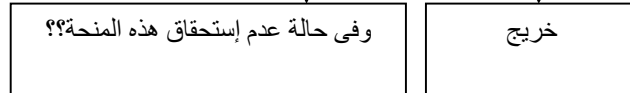
١- طلاب لم يحصلوا على درجة ٥٠% من الإمتحان النظرى فى مادة أو أكثر (تمثل حالة الطلاب قبل تطبيق

قواعد الرأفة وقبل الكشف عن الرقم السرى) إضافة عدد غير محدد من الدرجات لرفع ٥٠% من إعداد الطلاب المتقدمون للإمتحان للحصول على ٥٠% من درجات الإمتحان النظرى

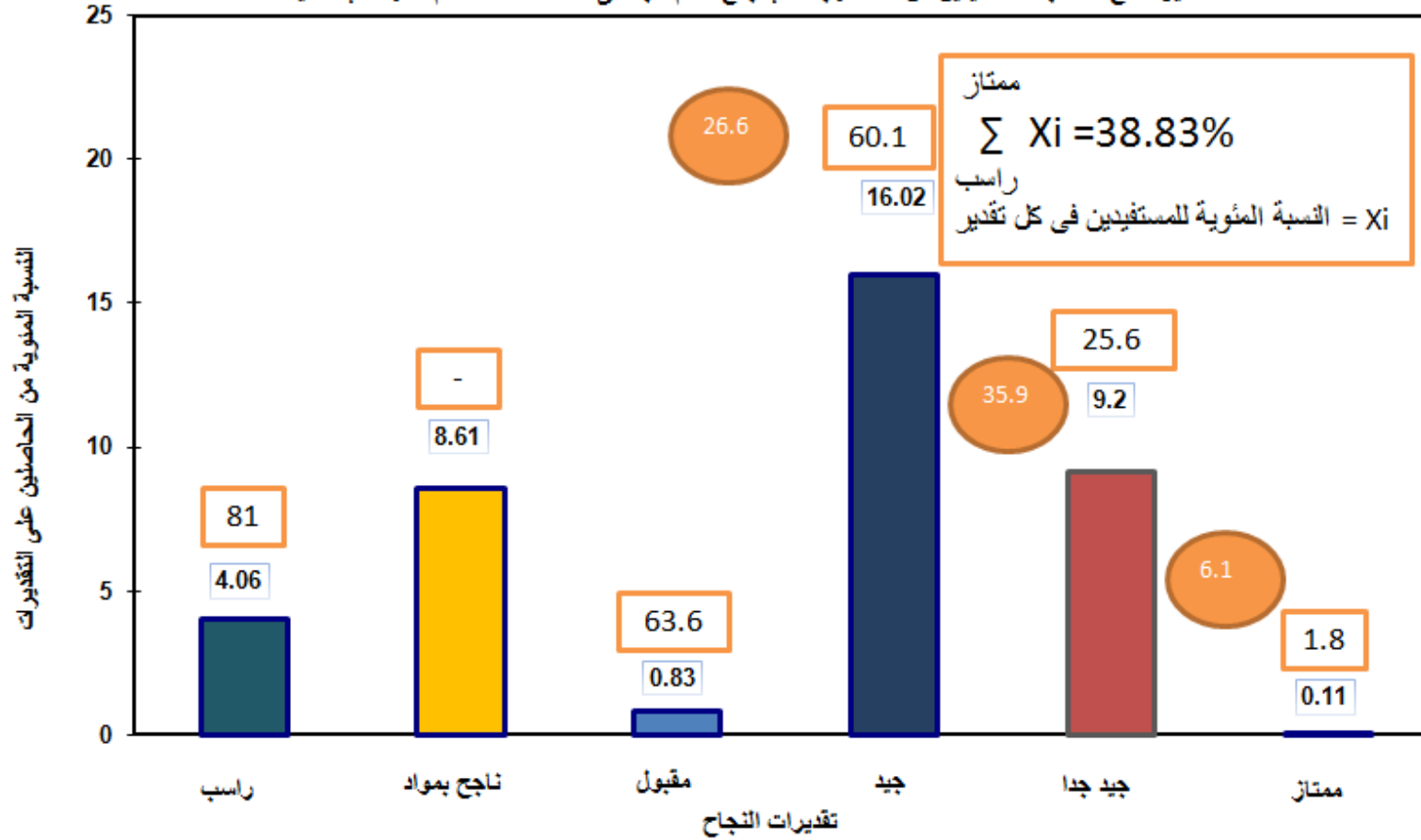


### ملحوظة:

١. عند حساب المجموع التراكمى يتم إستبعاد درجات سلة الرأفة فقط
٢. جميع خطوات الإضافة للرأفة بأنواعها تطبق بواسطة برنامج الكنترول فى ماعدا الخطوة رقم (١)



شكل-١  
تحليل نتائج الطلاب المستفيدين من سلة درجات الإنجاح للعام الجامعي ٢٠١٢/٢٠١٣ م للفرقة الإعدادية



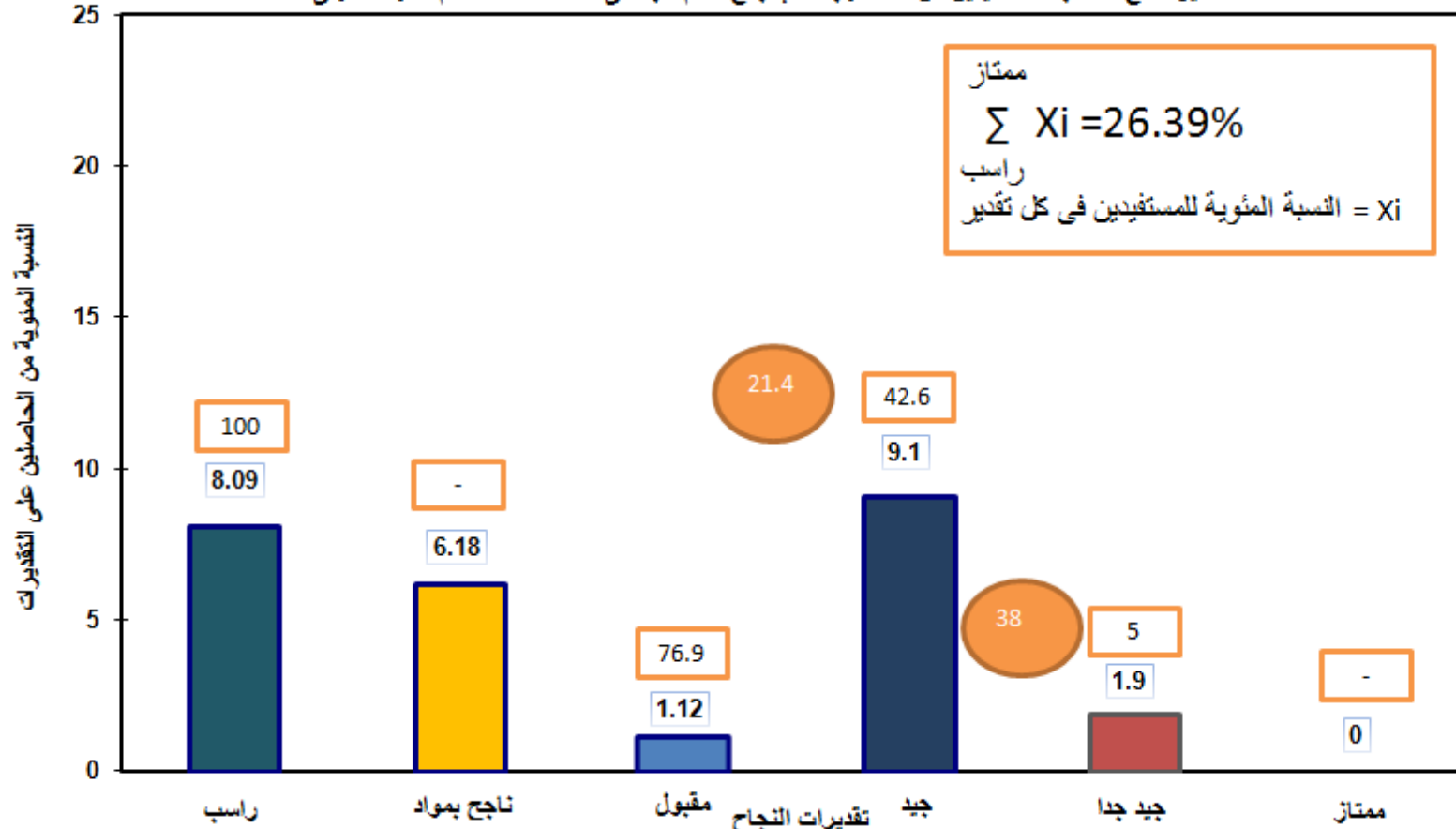
- المستطيل العلوي يمثل النسبة المئوية لكل الحاصلين على التقدير من طلاب الفرقة

- المستطيل السفلي يمثل النسبة المئوية للمستفيدين من السلة في كل تقدير

- الدائرة تمثل النسبة المئوية للمستفيدين من السلة من نسبة مجموع الحاصلين على التقدير

شكل-٢

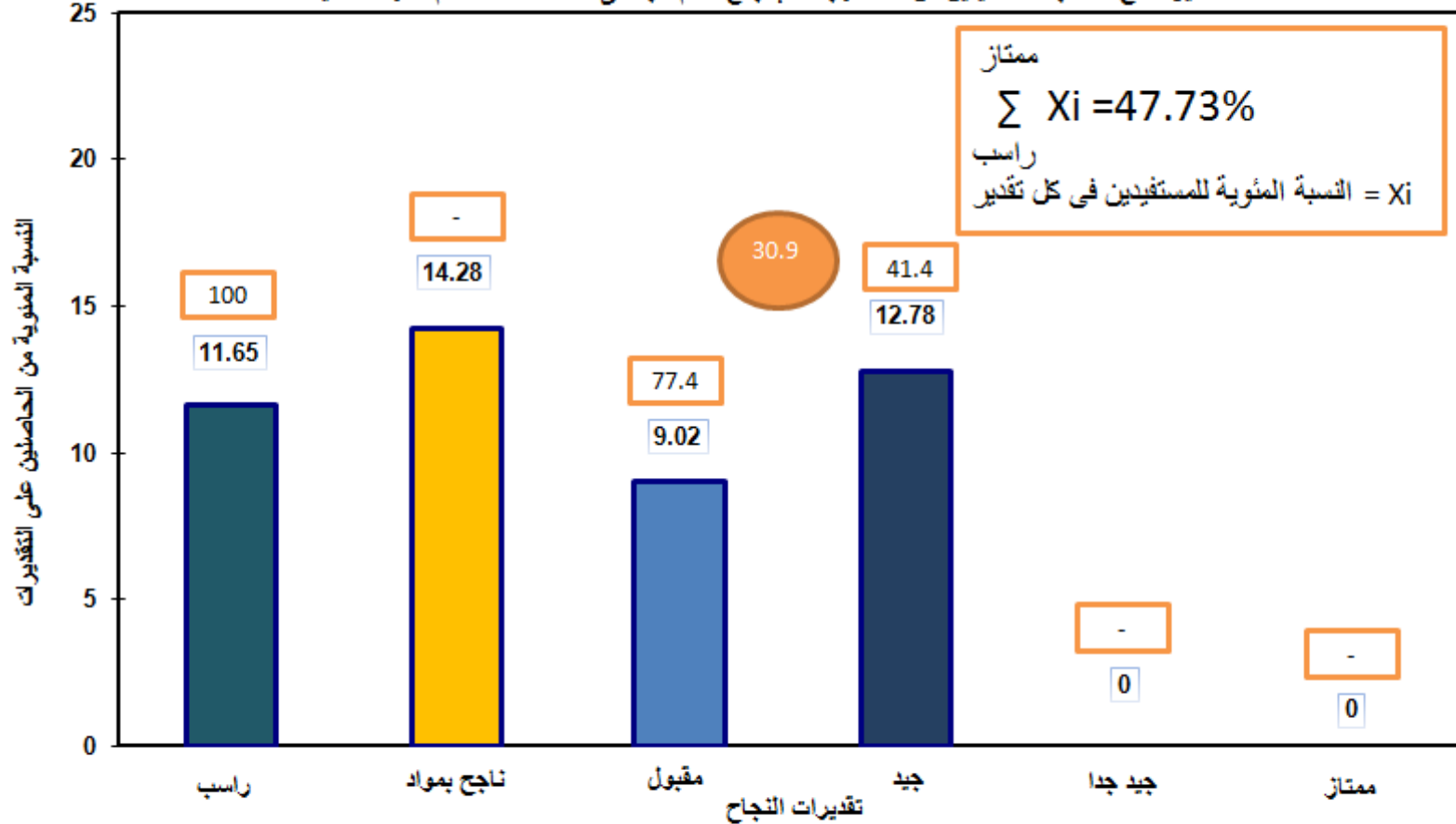
تحليل نتائج الطلاب المستفيدين من سلة درجات الإنجاح للعام الجامعي ٢٠١٢ / ٢٠١٣ م للفرقة الأولى



- المستطيل العلوي يمثل النسبة المئوية لكل الحاصلين على التقدير من طلاب الفرقة
- المستطيل السفلي يمثل النسبة المئوية للمستفيدين من السله في كل تقدير
- الدائرة تمثل النسبة المئوية للمستفيدين من السله من نسبة مجموع الحاصلين على التقدير

شكل-٣

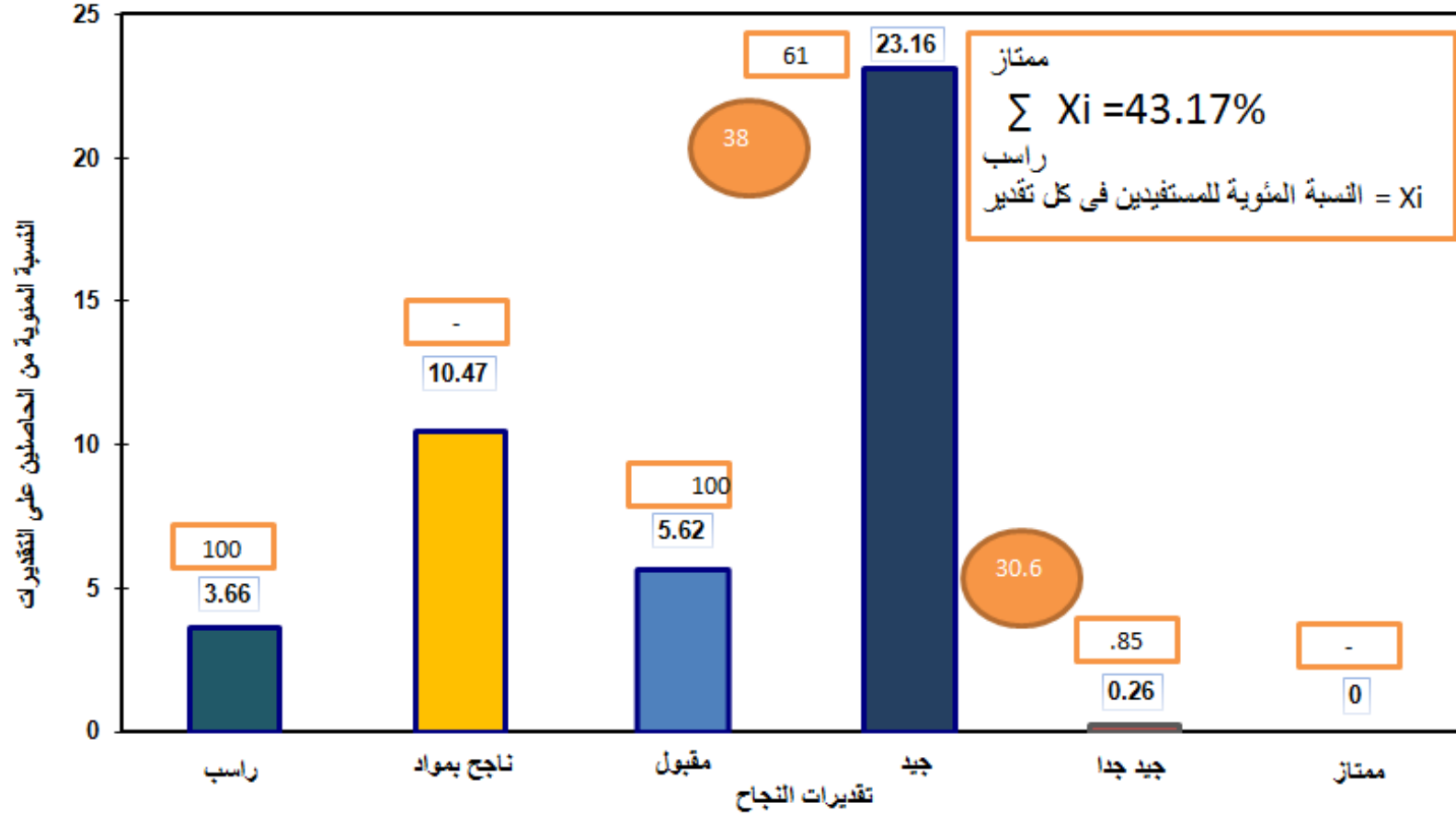
تحليل نتائج الطلاب المستفيدين من سلة درجات الإنجاح للعام الجامعي ٢٠١٢ / ٢٠١٣ م للفرقة الثانية



- المستطيل العلوي يمثل النسبة المئوية لكل الحاصلين على التقدير من طلاب الفرقة
- المستطيل السفلي يمثل النسبة المئوية للمستفيدين من السله في كل تقدير
- الدائرة تمثل النسبة المئوية للمستفيدين من السله من نسبة مجموع الحاصلين على التقدير

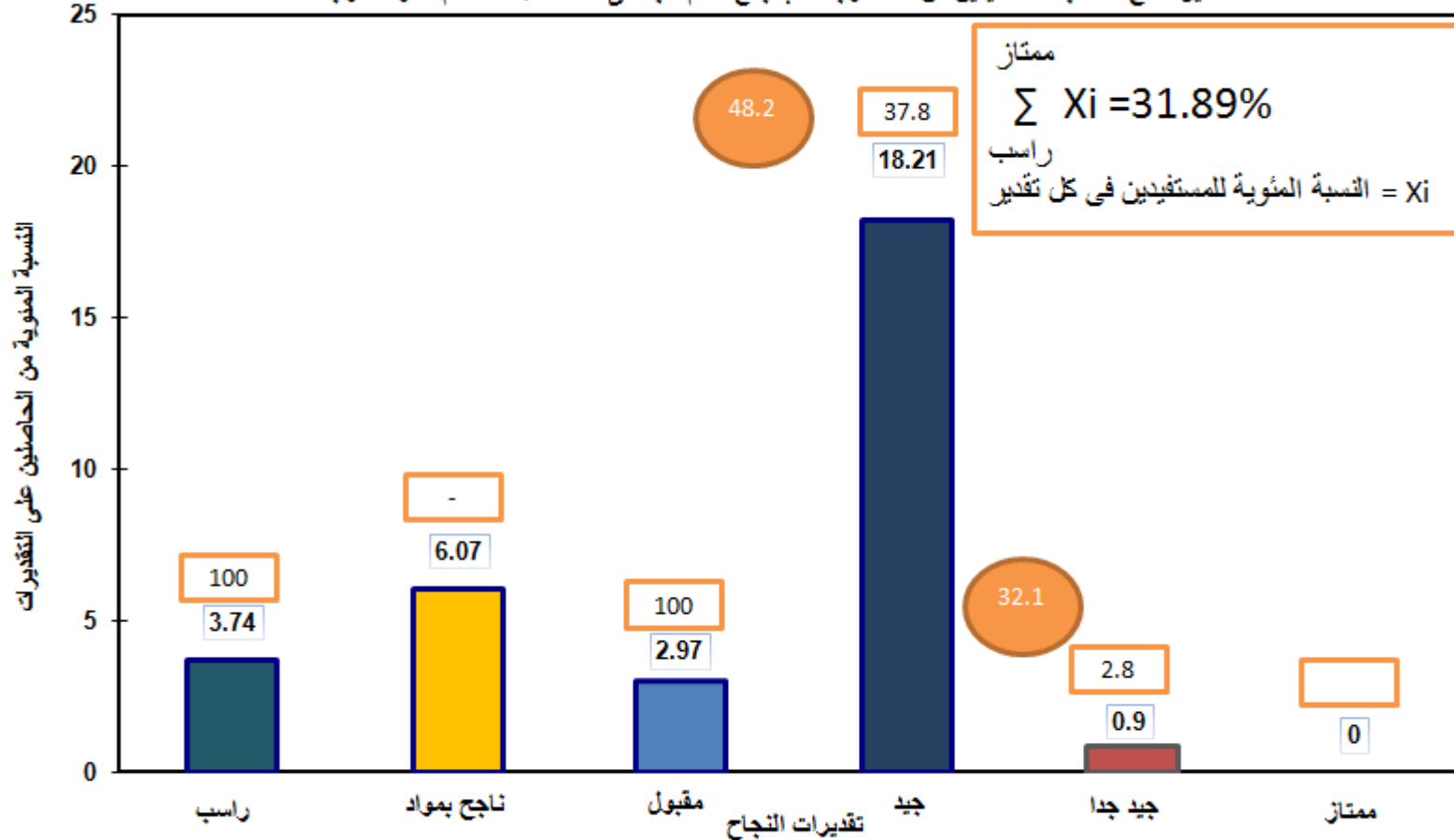


شكل-٤  
تحليل نتائج الطلاب المستفيدين من سلة درجات الإنجاح للعام الجامعي ٢٠١٢/٢٠١٣ م للفرقة الثالثة



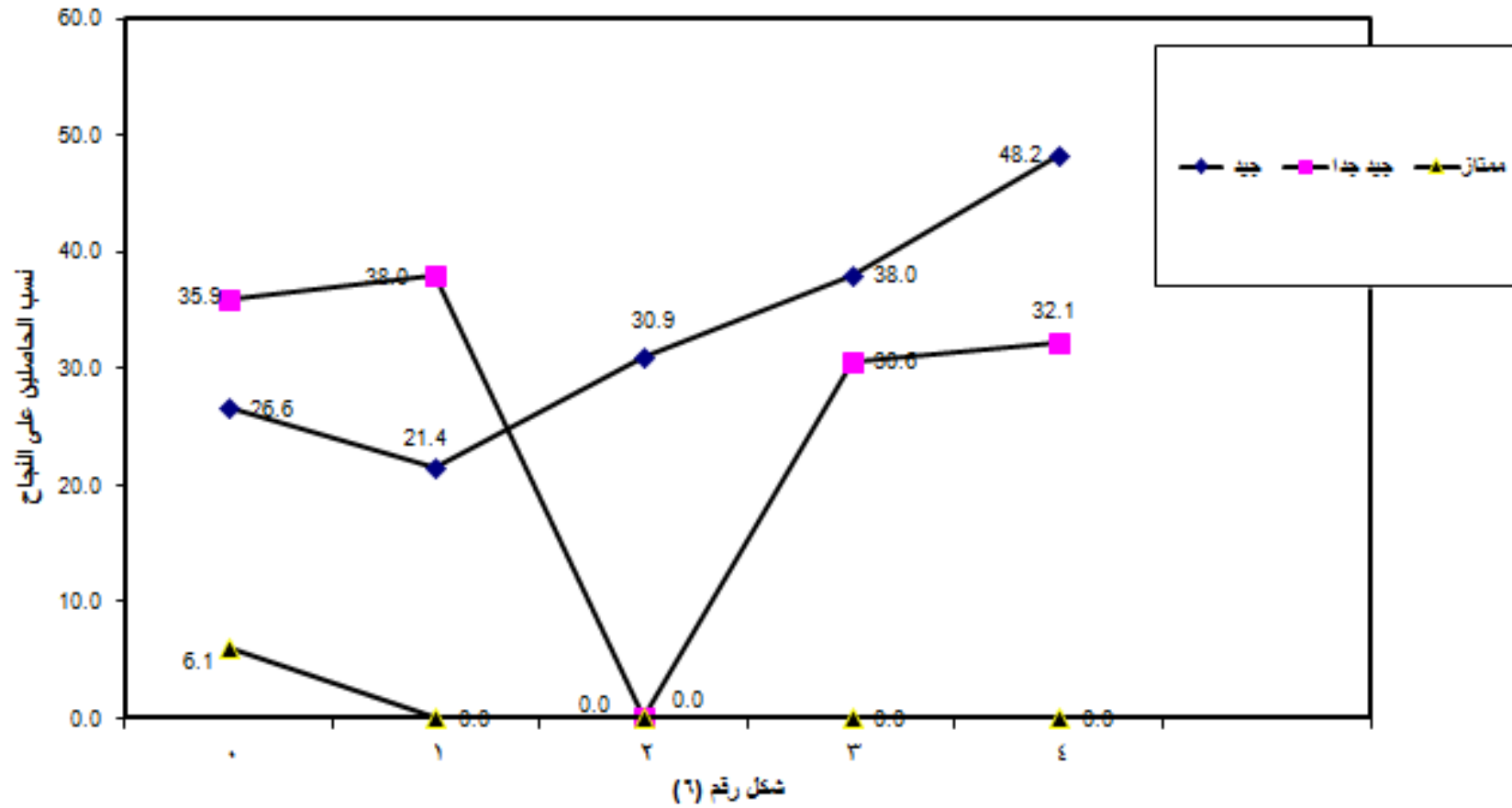
- المستطيل العلوي يمثل النسبة المئوية لكل الحاصلين على التقدير من طلاب الفرقة
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شكل-٥  
تحليل نتائج الطلاب المستفيدين من سلة درجات الإنجاح للعام الجامعي ٢٠١٢/٢٠١٣ م للفرقة الرابعة



- المستطيل العلوي يمثل النسبة المئوية لكل الحاصلين على التقدير من طلاب الفرقة
- المستطيل السفلي يمثل النسبة المئوية للمستفيدين من السله في كل تقدير
- الدائرة تمثل النسبة المئوية للمستفيدين من السله من نسبة مجموع الحاصلين على التقدير

توزيع النسب السنوية للمستفيدين بدرجات السلة على مراحل التعليم بالكلية



## الملاحظات :

- أولاً: المتوسط الحسابى للنسب المئوية للمستفيدين من السله فى الخمس مستويات = ٣٧,٦% ومستخرج من بيانات الأشكال (١-٥)

وهذه النسبة ستزداد بكل تأكيد إذا ما أضيف إليها المستفيدون بالرفاهة فى المراحل السابقة (١) ، (٢) السابقة للس  
المخطط رقم (١)

## التحليل:

أ- هذه النسبة تسمح أن نتصور أن أكثر من ٣٧% من الطلاب الذين يتخرجون من الكلية لم يتأهلوا للنجاح فى مادة أو أكثر فى مرحلة الدراسة بالكلية الا بعد الحصول على مرتبة أو أكثر من مراتب الدعم ومن أهمها نظام السله.

ب- ولما كانت مرحلة التعليم الجامعى هى المرحلة الأكثر تأثيراً ليس فقط فى الإعداد المهنى للخريج بل وبكل تأكيد

هى كذلك بالنسبة للسلوكيات الوظيفية والمشاركة فى العمل العام. لذلك يكون التقويم الذى يأخذ بنظام الرفاهة على النحو الموضح قد فعل تأثيره المحبط للمجتهد والمفسد للمتكاسل. فكلهما أصبح لا يثق فى قوانين العدالة وأن كان فى ظاهرها لا تسمح بالإنتقاء. وتداعيات إنعدام الثقة هى التسبب فى الأداء الوظيفى وتقضى أمراض إجتماعية أخرى تنتقل بالضرورة إلى أجيال تاليه وكذلك الدفع بنوعيه من الخريجين لم يكتمل تأهيلها فعلياً طبقاً لمعايير الجودة ومتطلبات التعلم المستهدفة.

- ثانياً: تتبع نسب المستفيدين بالرفاهة فى مراحل الدراسة

يلاحظ من الشكل رقم (٦) أن النسبة المئوية للمستفيدين تزداد بشكل واضح إبتداءً من المستوى الثالث وحتى المستوى الخامس عن تلك النسب فى المستويين الاوليين.

## التحليل:

أ- من واقع برنامج الكلية يتضح أن فى المستويين الأول والثانى يتعرف الطالب على علوم أساسية بدرجة أكبر كمطالبات لتلقى العلوم التطبيقية فى المراحل التالية الثالث وحتى الخامس المستوى الثالث يمثل مزيج من العلوم الأساسية والعلوم المهنية التطبيقية بينما المستويين الرابع والخامس يتلقى الطالب علوم ذات طابع مهنى بدرجة أكثر وضوحاً.

وعليه فيمكن تقبل فكرة أن السبب فى إرتفاع النسب فى السنوات الأخيرة هو عدم تحقيق المخرجات التعليمية فى العلوم الأساسية مما يظهر أثره عند تلقى العلوم التطبيقية حيث ينعكس هذا على قصور تحقيق المخرجات التعليمية فى السنوات الأخيرة وبالتالي إرتفاع نسب الرفاهة المطلوبة لجبر قصور فى العملية التعليمية فى المراحل السابقة.

ب- قد يكون هناك سبب آخر وهو إطمئنان الطلاب لتطبيق قواعد الرأفة (السله) وزيادة ثقتهم في هذا النظام مع الوقت مما يحثهم على التراخي في التحصيل مادام الأمر يحسمه الرأفة وليس التنافس والحرص على النجاح.

- ثالثاً: مقارنة النسبة المئوية للمستفيدين من السلة في كل مرتبة من مراتب النجاح إلى النسب المئوية لكل الحاصلين

على نفس التقدير بالمستويات المختلفة (شكل رقم ٦).

التحليل: لما كان المفاضلة بين الخريجين عند التقدم للوظائف الشاغرة تتم على اساس التقدير العام أو تقدير التخصصات بالفرق المختلفة لذلك نرى أن إستعراض النسب المشار إليها بعاليه سيفيد بدرجة كبيرة في إظهار سلبية تطبيق نظام الرأفة عموماً من خلال السلة على التقديرات جيد-جيد جداً – ممتاز أ- الطلاب الحاصلون على تقدير ممتاز هم أقل الفئات إستفادة من السله حيث بلغ نسبة المستفيدين إلى نسبة مجموع الحاصلين على تقدير ممتاز ٦,١% في الفرقة الإعدادية فقط أما سنوات الدراسة التالية فلم يستفد أحد.

وهذا مؤشر إلى جدية وإهتمام هذه الفئة من الطلاب.

ب- الطلاب الحاصلون على تقدير جيد جداً يتراوح نسبة المستفيدين إلى نسبة مجموع الحاصلين على تقديرات جيد جيد جداً

بين ٣٠,٦ – ٣٨% أى مايقرب من الثلث

ج- الطلاب الحاصلون على تقدير جيد يتراوح نسبة المستفيدين إلى نسبة مجموع الحاصلين على تقدير جيد بين ٢١,٤-٤٨,٢% ولما كان أكبر عدد من الخريجين يحصلون على تقدير جيد و جيد جداً هنا يظهر أن هذه الأكتريه هي في الواقع من أكثر المستفيدين من السله مما يلقى ظلاً على:

١- سمعه تقدير مستوى الخريجين لدى المستفيدين من توظيفهم على المدى المتوسط والبعيد  
٢- إظهار مستوى غير تنافسي عند إجراء لقاء التعيين أو تلقي تدريبات (بعد التوظيف) وهو ما يصب أيضاً في إتجاه الملاحظة السابقة

الخلاصة: أن أسلوب الرأفة بدرجاته الموضحة في مخطط رقم (١) له تأثير بالغ الخطورة على الطلاب وعلى مستوى تصنيف الكلية وقد يصل كذلك إلى تصنيف الجامعة ككل بين المستويات التنافسية المختلفة.

### الإقتراحات

١- التأكيد على أهمية التعميم الملزم لمسمى (فصل تدريب) Tutorial Classes للمجموعات الصغيرة في كافة المستويات سواء في نظام الساعات المعتمدة أو النظام الجارى العمل به في البرنامج وذلك لدعم تحقيق المخرجات التعليمية المستهدفة

٢- حمل الطلاب على الإهتمام بمتابعة التحصيل في الدروس النظرية وذلك عن طريق عدم ضم درجات الدروس العملية للدرجات النظرية عند جمع درجات المادة بل ينظر للعملى على أن له مخرجاته

- ومهارات \_\_\_\_\_ المحددة \_\_\_\_\_
- فإذا ما تحققت بنجاح الطالب فلا يلزم بإعادة الدروس العملية ويكتفى بإعادة المقررات النظرية فقط.  
مع مراعاة إضافة درجات الدروس العملية عند جمع درجات الطالب في نهاية كل فصل.
- ٣- لا بد من ملاحظة أن درجات السله ليست هي النهاية في تحديد ما يدعم به الطلاب المقصرون بل هناك المستوى الرابع من الرأفة (مخطط رقم ١) وهو ما يخص إضافة ١% للمجموع التراكمي لكي يرقى إلى الحد الأدنى للنجاح.
- لذلك نقترح البديل لهؤلاء الطلاب الذين لا يرتقى مجموعهم التراكمي للحد الأدنى أن يقوموا بإعادة دراستهم \_\_\_\_\_
- مواد يختارونها لكي يدعموا بها مجموعهم التراكمي بدلاً من إضافة الـ ١% وتكون إعادة الدراسة بمصروفات.
- ٤- لا يضاف أى درجات للطلاب تحت مسمى الرأفة وإنما يعاد النظر في الطلاب القريبين من درجة النجاح \_\_\_\_\_
- (يحدد بقرار) ودعوتهم لإمتحان شفهي آخر يحدد بناء عليه إضافة الدرجات الناقصة لبلوغ درجة النجاح \_\_\_\_\_
- من عدمه.