

# **COURSE REPORTS**

## **Faculty of Pharmacy**

**Fifth Year – First Term**

**2018-2019**

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# **COURSE REPORT**

## **Industrial Pharmacy 1**

**Fifth year – first Term  
2018-2019**

## **Annual Course Report**

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Pharmaceutics

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### **A – Basic Information:**

- 1. Title:** Industrial Pharmacy I                      **Code:** 650
- 2. Program(s) on which this course is given:** Bachelor of Pharmacy
- 3. Year / Level of programs:** Fifth year (first semester)
- 4. Units / Credit hours:-----**

<b>Lectures</b>	2 hrs	<b>Practical sessions</b>	2 hrs	<b>Total</b>	<b>3 hrs</b>
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**5. Names of lecturers contributing to the delivery of the course:**

- Prof. Dr/ Sameer abo zaid
- Dr/ Mohamed Wali
- Dr/ Shereen Sabry

**6. Course coordinator:**

- Prof. Dr/ Mahmoud Abdelghany

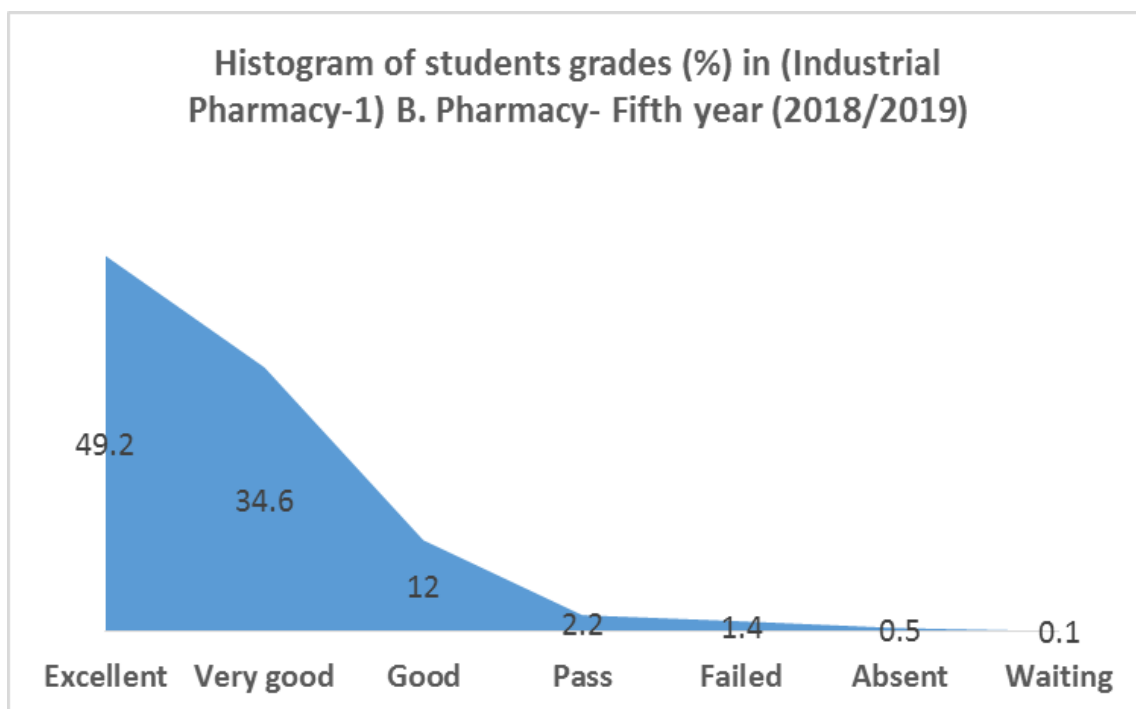
**7. External evaluator:**

- Prof. Dr/ Ahmed Samy (Azhar University)

### **B- Statistical Information:**

<b>No. of students attending the course</b>	943	100 %
<b>No. of students completing the course</b>	937	99.36 %

<b>Results:</b>					
<b>Passed</b>	924	98.61 %	<b>Failed</b>	13	1.39 %
<b>Grading of successful students:</b>					
<b>Excellent</b>	464	49.2 %	<b>Very good</b>	326	34.6 %
<b>Good</b>	113	12.0 %	<b>Pass</b>	21	2.2 %



### **C- Professional Information:**

#### **1- Course teaching:**

Topic	No of hours	Lecturers
Evaporation and drying	8	Dr/ Mohamed Wali
Mixing, filtration and air purification	6	
Centrifugation	2	
Heat transfer	2	Dr/ Shereen Sabry
Refrigeration and crystallization	6	
Extraction	4	Prof. Dr/ Sameer abo zaid

#### **Topics taught as a percentage of the content specified:**

>90 %	√	70 – 90 %		<70%	
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- **Reasons in detail for not teaching any topic: -----**
- **If any topics were taught which are not specified, give reasons in detail: -----**

## 2- Teaching and learning methods:

Lectures	√
Practical Training / Laboratory	√
Seminar / Workshop	-
Case study	-
Other assignment / homework	-

- **If teaching and learning methods were used other than those specified, list and give reasons:** Demonstrative videos followed by group discussion.

## 3- Student Assessment :

Method of Assessment	Percentage of total %
Written examination	<b>60%</b>
Oral examination	<b>15%</b>
Practical / Laboratory work Including Activity	<b>25%</b>
Other Assignments/class work	---
Total	<b>100%</b>

### Members of examination committee:

- Prof. Dr/ Fakhr El-din Ghazy
- Prof. Dr/ Mahmoud Abd El-Ghany
- Prof. Dr/ Sameer abo zaid
- Dr/ Mohamed Wali
- Dr/ Shereen Sabry
- Prof. Dr/ Alaa El-Din Ali Qasem (Azhar University)
- Prof. Dr/ Ali Abd El-Zaher (Assuit University)
- Prof. Dr/ Manal Hamza
- Dr/ Heba Yassin
- Prof. Dr/ Ahmed Abo Taleb
- Prof. Dr/ Ehab Fetouh

## 4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

**List any inadequacies:**

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**5- Administrative Constraints:**

Absence of educational factory for demonstration of some pharmaceutical apparatus.

**6- Students evaluation of the course:**

Students evaluation of the course	Response of course team
Students were satisfied about the course and recommended some interactive teaching methods	Will be considered in the action plan

**7- Comments from external evaluator(s):**

Comments from external evaluator:	Response of course team
Course content is good and suitable for providing labor market with qualified graduates	-----

**8- Course Enhancement:**

Action	State whether completed or not and give reasons for any non-completion
Holding periodical exam in sixth week of each semester (10% of total marks)	<b>Not completed</b> as it requires modification of faculty By-law which has been already modified and will be applied in the academic year (2019/2020).
Practical exam is divided into two practical exams (one in sixth or in seventh week and the other in the 14 <sup>th</sup> week)	<b>Not completed</b> due to overcrowding of practical sessions schedule.

**9- Action plan for academic year 2019– 2020:**

Action required	Completion date	Person responsible
Update course content.	2019/2020	Course coordinator

Update teaching methods and include some demonstrative videos in lectures.	2019/2020	Course team
Add activity: students search and show about videos relevant to taught topics followed by peer evaluation.	2019/2020	Course coordinator

**Course coordinator:**

- Prof. Dr/ Mahmoud Abdelghany

**Signature:**

**Date:** course report is approved in department council on



**COURSE REPORT**

**Applied  
Pharmacognosy-1**

**Fifth year – first Term  
2018-2019**

## Annual Course Report

University: Zagazig  
Pharmacognosy

Faculty: Pharmacy

Department:

### Course Report

#### A- Basic Information

1. Title and code: Applied Pharmacognosy I (PG 750)
2. Programme(s) on which this course is given: Bachelor of Pharmacy.
3. Year/ Level of programme: Fifth year (first semester)
4. Units/Credit hours: 3 hrs/week

Lectures	<div>2 hrs/week</div>	Tutorial/Practical	<div>3.5 hrs/week</div>	Total	<div>4 hrs/week</div>
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5. Names of lecturers contributing to the delivery of the course:

- Prof. Dr/ Assem El-Shazly
- Prof. Dr/ Amal Al-Gendy
- Prof. Dr/ Wafaa Badr  
Dr/ May Ahmed
- Course co-ordinator: Prof. Dr/ Assem El-Shazly
- External evaluator: Prof. Dr./ Abd Elsalam Ibrahim (Al-Azhar University)

#### B- Statistical Information:

No. of students attending the course:	No.	<div>948</div>	%	<div>100</div>
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No. of students completing the course:	No.	<div>936</div>	%	<div>98.7</div>
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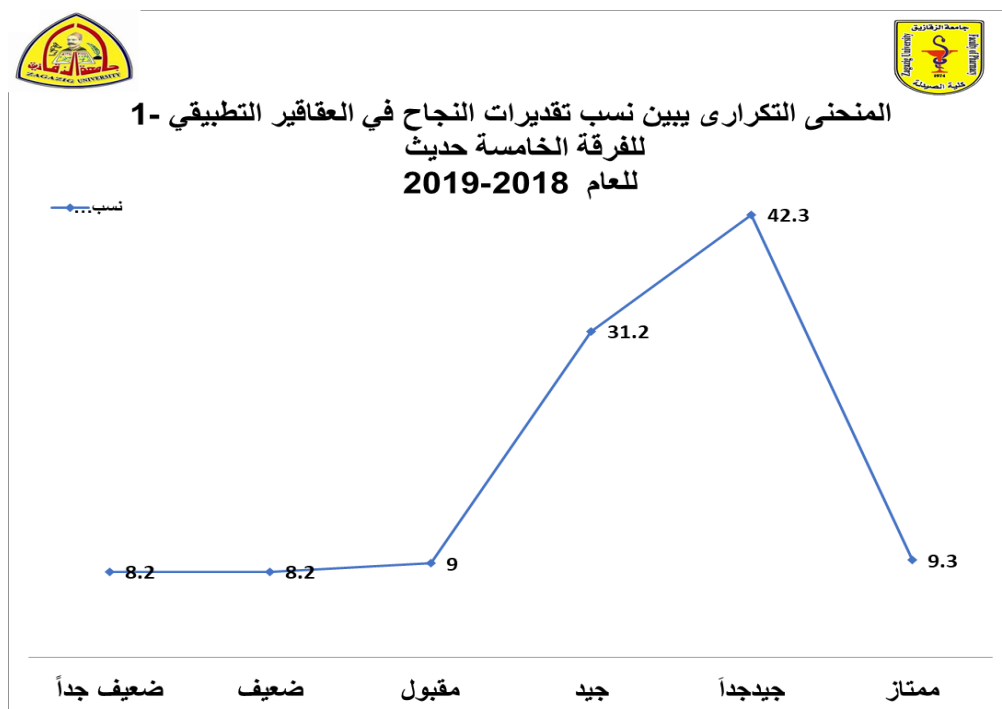
Results:

Passed:	No.	<div>870</div>	%	<div>91.8</div>	Failed:	No.	<div>78</div>	%	<div>8.2</div>
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Grading of successful students:

Excellent:	No.	<div>88</div>	%	<div>9.3</div>	Very Good:	No.	<div>401</div>	%	<div>42.3</div>
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Good : No. 296 % 31.2 ass: 85 % 9



## C- Professional Information

### 1 - Course teaching

Topics actually taught	No. of hours	Lecturer
-Production of natural drugs	2	Prof. Dr/ Assem El-Shazly
-Production of natural drugs	2	
-Evaluation of natural products -Detection of adulteration -Sampling of drugs	2	Prof. Dr/ Amal Al-Gendy
-Standardization of natural drugs	2	
-Physical data of isolates -Preliminary chemical tests	2	
-Isolation of crude drugs - Analytical standards	2	
-Spectroscopic evaluation of natural products -Micro elemental analysis	2	

-UV Spectroscopy		
-UV Spectroscopy (continue)	2	
- IR Spectroscopy - Mass Spectroscopy	2	
- <sup>1</sup> H NMR Spectroscopy	2	
- <sup>13</sup> C NMR Spectroscopy	2	
-Chromatography -Applications of GC	2	Dr/ May Ahmed
- Applications of HPLC and some other chromatographic techniques in drug evaluation	2	

Topics taught as a percentage of the content specified:

>90%

70-90%

<70%

Reasons in detail for not teaching any topic -----

If any topics were taught which are not specified, give reasons in detail -----

2- Teaching and learning methods:

Lectures:

Practical training/  
laboratory:

Seminar/Workshop:

Class activity:

Case Study:

Other assignments/homework: -----

- If teaching and learning methods were used other than those specified, list and give reasons: self-learning (reports and internet search) to develop writing and presentation skills of students.

3- Student assessment:

Method of assessment	Percentage of total
Written examination	60
Oral examination	15

Practical/laboratory work	25
Other assignments/class work	
Total	100

#### Members of examination committee

- Prof. Dr/Maher El-Domiaty
- Prof. Dr/Azza El-Shafae
- Prof. Dr/ Assem El-Shazly
- Prof. Dr/ Amal Al-Gendy
- Prof. Dr/Afaf Elsayed
- Prof. Dr/ Mahmoud Abd El-Aal
- Prof. Dr/Ehsan Abo Zaid
- Prof. Dr/Samia Salah
- Prof. Dr/ Nawal Farag
- Prof. Dr/Samih El-Dahami
- Prof. Dr/ Fawkia Abbas
- Prof. Dr/Zeinab Ibrahim
- Prof. Dr/ Wafaa Badr
- Asst. Prof. Dr/ Gamal Dora
- Asst. Prof. Dr/Maged Abu- Hashim
- Asst. Prof. Dr/ Rehab Hamed
- Dr/ Sahar Abd El-Aziz
- Dr/Ahmed Mostafa
- Dr/Rasha Adel
- Dr/Islam Mostafa
- Dr/ May Ahmed
- Prof. Dr/ El-Sayed Marwan (Mansoura University)
- Prof. Dr/ Nabil Abu El- Fotoh (Cairo University)
- Prof. Dr/ Mohamed El- Hamoli (Al Azhar University)
- Prof. Dr/Amged Mansour (Port Said University)
- Prof. Dr/ Abd Elsalam Ibrahim (Al-Azhar University)
- Prof. Dr/Hatem Abbas (Al-Azhar University)

#### 4- Facilities and teaching materials:

Totally adequate

Adequate to some extent

Inadequate

-
√
-

List any inadequacies

-

#### **5- Administrative Constraints:**

**List any inadequacies:** Insufficient lab tools (microscopes and TLC sheets)

#### **6- Students evaluation of the course:**

<b>Students evaluation of the course</b>	<b>Response of course team</b>
Student book isn't attractive	Improving the student book as a new curriculum is applied
Insufficient microscopes and TLC sheets	Course team asking the head of department to offer TLC sheets and to repair as well as increase number of microscopes

#### **7- Comments from external evaluator:**

He was satisfied about the course and the exam questions

#### **8- Course enhancement:**

Progress on actions identified in the previous year's action plan:

<b>Action</b>	<b>State whether or not completed and give reasons for any non-completion</b>
Updating the practical sessions to correlate with the theoretical lectures	Completed

#### **Action plan for academic year 2019 - 2020**

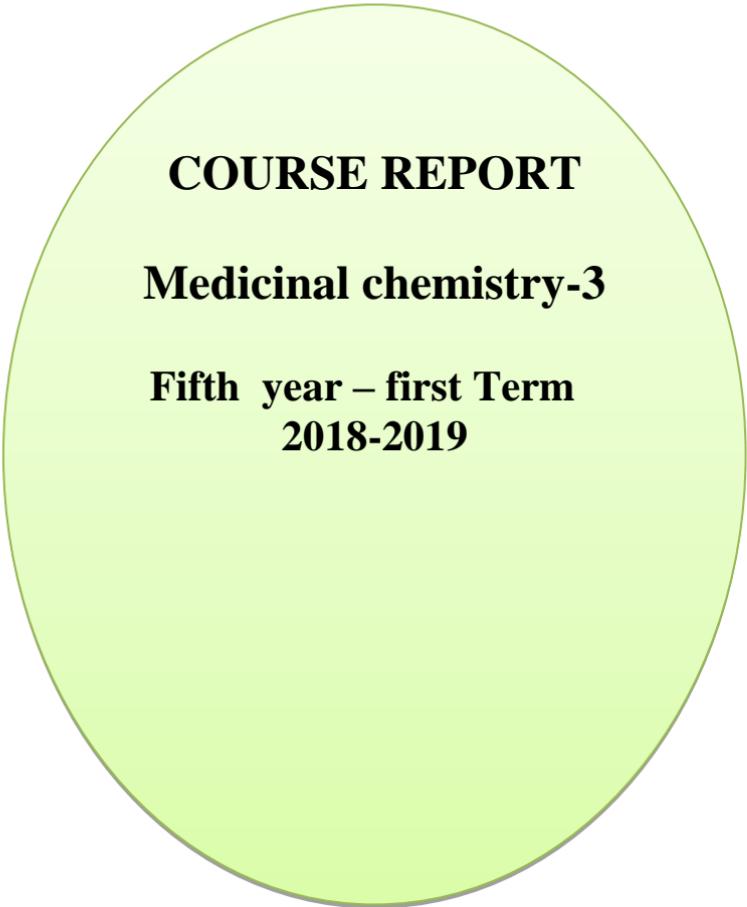
<b>Action required</b>	<b>Completion date</b>	<b>Person responsible</b>
-Increasing microscopes and TLC sheets	2019/2020	Head of department

- Improving the student book      2019/2020      Course team.

**Course coordinator: Prof. Dr/Assem El-Shazly**

Signature:

Date:                      30/9/2019



**COURSE REPORT**

**Medicinal chemistry-3**

**Fifth year – first Term  
2018-2019**

## Annual Course Report

University: Zagazig

Faculty: Pharmacy

Department: Medicinal Chemistry

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### A – Basic Information:

1. **Title:** Medicinal Chemistry III      **Code:** MC412
2. **Program(s) on which this course is given:** Bachelor of Pharmacy
3. **Year / Level of programs:** Fifth year (first semester)
4. **Units / Credit hours:**-----

<b>Lectures</b>	2 hrs	<b>Practical sessions</b>	3 hrs	<b>Total</b>	3.5 hrs
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5. **Names of lecturers contributing to the delivery of the course:**

- Prof.Dr/ Mohamed El-husseney Elsadek
- Prof.Dr/ Samy Megahed Ibrahim
- Prof.Dr/ Mohamed Baraka
- Dr/Hend Kothayer

6. **Course coordinator:**

- Prof. Dr/ Mohamed El-husseney Elsadek

7. **External evaluator:**

- -----

### B- Statistical Information:

Results:					
Passed	98.5 %		Failed	1.5%	
Grading of successful students:					
Excellent	226	23.9 %	Very good	305	32.2 %
Good	283	29.9 %	Pass	118	12.5 %



### **C- Professional Information:**

#### **1- Course teaching:**

Topic	Lecturers
NSAIDs & Narcotic analgesics.	Prof.Dr/ Mohamed Baraka
Drug acting on ANS Section 1.01	Prof.Dr/Mohamed El-husseney Elsadek
CNS depressant	Prof.Dr/Samy Megahed
Anticovulsant	Dr/ Hend Kothayer
local Anesthetics	
Central Nervous System Stimulants	

**Topics taught as a percentage of the content specified:**

>90 %	√	70 – 90 %		<70%	
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- **Reasons in detail for not teaching any topic: -----**
- **If any topics were taught which are not specified, give reasons in detail: -----**

**2- Teaching and learning methods:**

Lectures	√
Practical Training / Laboratory	√
Seminar / Workshop	-
Class activity	√
Case study	√
Other assignment / homework	√

- **If teaching and learning methods were used other than those specified, list and give reasons: self-learning**

**Student Assessment:**

Method of Assessment	Percentage of total %
Written examination	60%
Oral examination	15%
Practical / Laboratory work including Activity	25%
Total	100%

**Members of examination committee:**

- Prof.Dr/ Mohamed El-husseney Elsadek
- Prof.Dr/ Mohammed Mohammed Barakah
- Prof.Dr/ Samy Megahed
- Dr/Hend Kothayer

### 3- Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

- List of inadequacy:-----

### 5- Administrative Constraints:

- -----.

### 6- Students evaluation of the course:

Students evaluation of the course	Response of course team
Students did not complain of any weaknesses for this year , as there is no percentage less than 60% in the results of the questionnaire given to them	

### 7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
<ul style="list-style-type: none"> <li>• The course is well designed and intended learning outcomes are properly written, clear and can be measured</li> </ul>	-----

**8- Course Enhancement:**

<b>Action</b>	<b>State whether or not complete &amp; give reasons for any non completion</b>
Holding two practical exams for better evaluation of students	<b>Not completed</b> due to overcrowding of practical sessions schedule
Measurement of ILOS of course	<b>Accomplished</b>
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards	<b>Accomplished</b>

**9- Action plan for academic year 2019– 2020:**

<b>Action required</b>	<b>Completion date</b>	<b>Person responsible</b>
Holding two practical exams for better evaluation of students	2019-2020	Course team
Providing the students with electronic sources for the courses	2019-2020	-Vice-dean for education and students' affairs -Course team
Modifying the course specification for more correlation between ILOs and course objectives	2019-2020	Course team

**Course Co-ordinator:** Prof. Dr/ Mohamed El-husseney Elsadek

**Signature:**

**Date:** course report is approved in department council on



**COURSE REPORT**

**Clinical Pharmacology**

**Fifth year – first Term  
2018-2019**

## Course Report of Clinical Pharmacology

**University:** Zagazig      **Faculty:** Pharmacy      **Department:** Pharmacology and toxicology

### A- Basic Information:

- 1. Title and code: Clinical Pharmacology**
- 2. Programme(s) on which this course is given: Bachelor of Pharmacy**
- 3. Year/ Level of programme: Fifth year (first semester)**
- 4. Units/Credit hours:**

Lectures       Tutorial/Practical       Total

### 5. Names of lecturers contributing to the delivery of the course:

- Prof. Dr/ Mona Foad
- Dr/ Islam Ahmed

### 6. Course coordinator: Prof. Dr/ Mona Fouad

### 7. External evaluator: Prof. Dr/ Alaa El-sissy (Tanta University)

### B- Statistical Information:

No. of students attending the course:      No.  %

No. of students completing the course:      No.  %

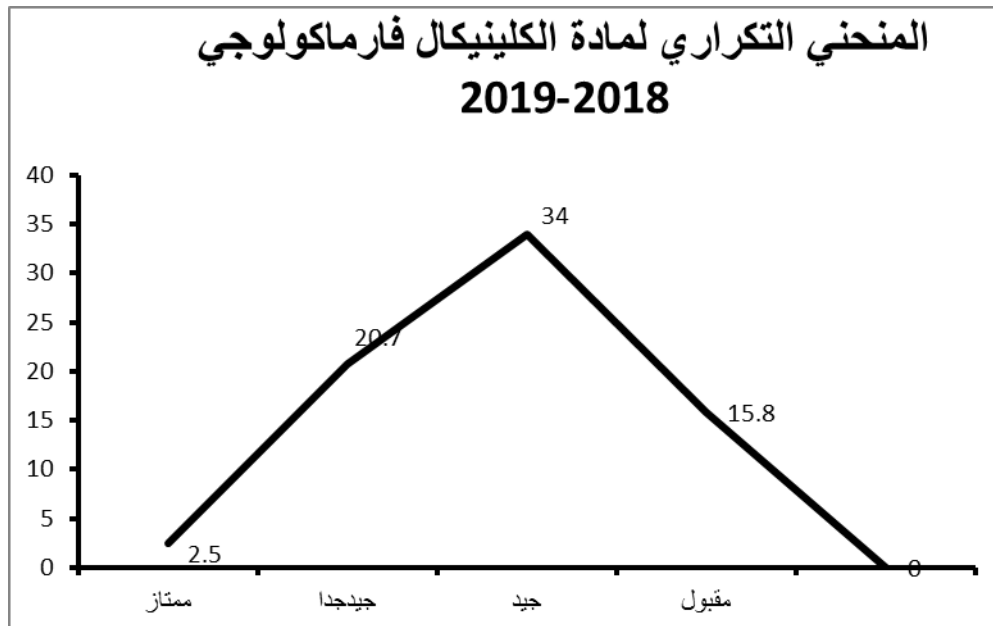
#### Results:

Passed:      No.  %       Failed:       %   
No.

#### Grading of successful students:

Excellent:      No.  %       Very Good:       %   
No.

Good :      No.  %       Pass:       %   
No.



### Professional Information:

#### 1 - Course teaching:

Topics actually taught	No. of hours	Lecturer
Liver disorders	6	Prof. Dr/ Mona Foad
Critical care	6	
Acute kidney injury	2	
Chronic kidney disease	2	Dr/ Islam Ahmed
Renal replacement therapy	2	
Complications of CKD	4	
Drug induced nephropathy	4	

#### Topics taught as a percentage of the content specified:

>90% ☒ 70-90% ☐ <70% ☐

#### Reasons in detail for not teaching any topic: -----

If any topics were taught which are not specified, give reasons in detail: -----

## 2- Teaching and learning methods:

Lectures:	<input type="checkbox"/>
Practical training/ laboratory:	<input type="checkbox"/>
Seminar/Workshop:	<input type="checkbox"/>
Class activity:	<input type="checkbox"/>
Case Study:	<input type="checkbox"/>

Other assignments/homework: -

If teaching and learning methods were used other than those specified, list and give reasons: self learning (Internet search, reports)

## 3- Course learning outcome assessment:

Method of assessment	Percentage of total
Written examination	25%
Oral examination	15%
Practical/laboratory work	60%
Other assignments/class work	-----
Total	100%
Members of examination committee	<ul style="list-style-type: none"><li>• Prof. Dr/ Mona Foad</li><li>• Dr/ Islam Ahmed</li></ul>

## 4- Facilities and teaching materials:

Totally adequate	<input type="checkbox"/>
Adequate to some extent	<input type="checkbox"/>

Inadequate

List any inadequacies: None


#### 5- Administrative constraints:

List any difficulties encountered:

- Crowded schedule

#### 6- Student evaluation of the course: 74%

List any criticism	Response of course team
Internet services are inadequate. Course is rich of information and needs to be divided into 2 semesters.	Addressing faculty dean to enhance internet services. Taken in consideration next year

#### 7- Comments from external evaluator(s):

Comments	Response of course team
Course aims are very clear and strongly linked to program ILOS Course topics , teaching methods are new	-----

#### 8- Course enhancement:

1. Progress on actions proposed for improving the course in previous course reports (if any).			
Actions recommended from the most recent course report(s)	Actions Taken	Action Results	Action Analysis
Using simulated video and computer aided learning in practical sessions	completed		

2. Action Plan for Next Semester/Year				
Actions Recommended for Further Improvement	Intended Action Points (should be measurable)	Start Date	Completion Date	Person Responsible

Using video for demonstration of some practical lessons.		2019	2020	- Course team.
Activating the faculty council decision by adopting a new mechanism for oral exam and using balanced question cards		2019	2020	- Course team.

Signature:

Date:                    /           /



**COURSE REPORT**

**Good manufacturing  
practice (GMP)  
Fifth year – first Term  
2018-2019**

## **Annual Course Report**

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Pharmaceutics

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### **A – Basic Information:**

- **Title and Code:** Good Manufacturing Practice (GMP)
- **Program(s) on which this course is given:** Bachelor of pharmacy
- **Year / Level of programs:** Fifth year ( First semester)
- **Units / Credit hours:** 3 hrs/week

<b>Lectures</b>	2 hrs.	<b>Practical sessions</b>	2 hrs	<b>Total</b>	3 hrs
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- **Names of lecturers contributing to the delivery of the course:**

- Prof. Dr. Mahmoud Abd El-Ghany
- Prof. Dr. Mohie Hafez

- **Course coordinator:**

- Prof. Dr. Mahmoud Abd El-Ghany

- **External evaluators:**

- Prof. Dr. Mahrous Osman (Assuit University)

### **B- Statistical Information:**

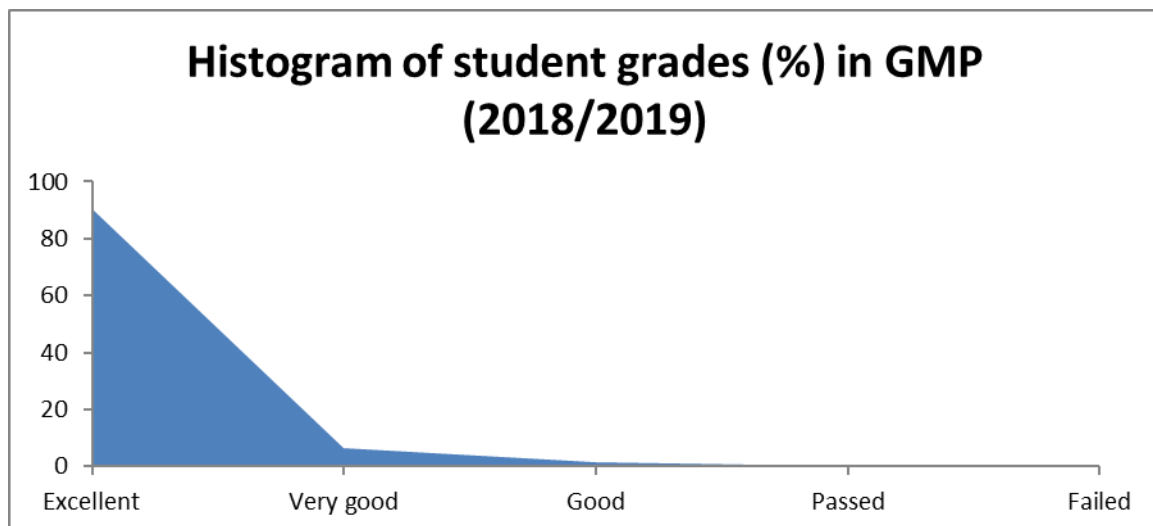
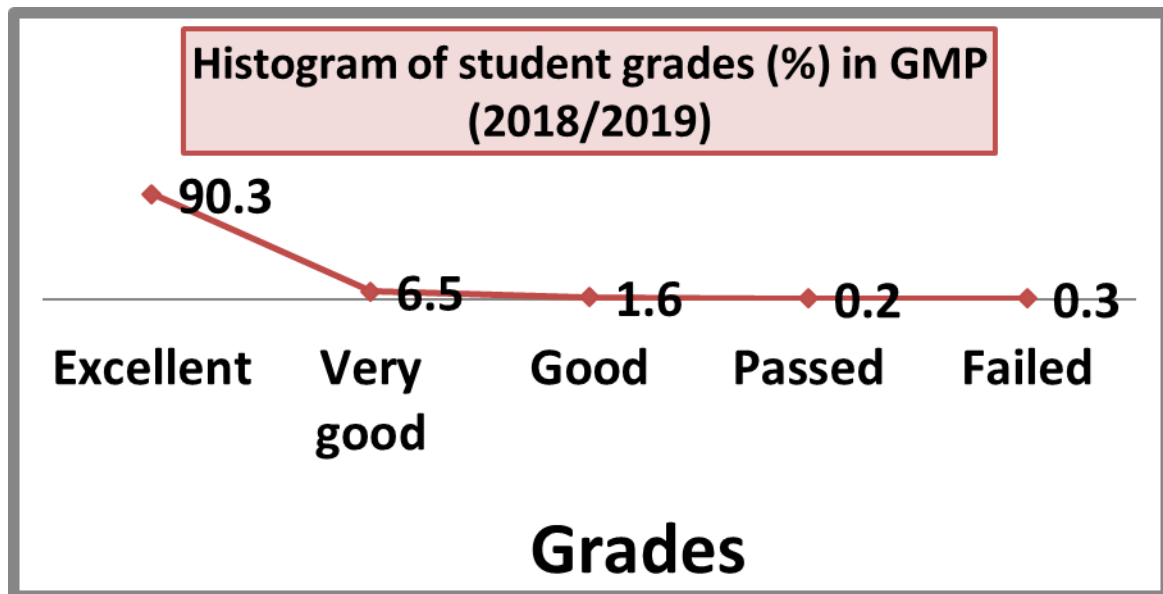
<b>No. of students attending the course</b>	927	100 %
<b>No. of students completing the course</b>	924	100 %

#### **Results:**

<b>Passed</b>	924	99.7%	<b>Failed</b>	3	0.3%
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### Grading of successful students:

Grade	Student Number	Percent
Excellent	837	90.3
Very good	60	6.5
Good	15	1.6
Passed	2	0.2
Failed	3	0.3



### **C- Professional Information:**

#### **1-Course teaching:**

<b>Topic</b>	<b>No of hours</b>	<b>Lecturers</b>
Introduction of pharmaceutical industry and GMP	2	Prof.Dr. Mohie Hafez
History of GMP development within years	2	
Therapeutic good regulators	2	
Safety and quality regulations of therapeutic good regulators	2	
Guidelines of GMP towards premises and production areas	2	
Airlocks and air cleanliness levels	2	
Steps of production process	2	Prof. Dr. Mahmoud Abd El-Ghany
Types, causes and prevention of products contamination	2	
Documentation	2	
Processing operations during production process	2	
Proper control of packaging	2	
Qualification and validation of production process	2	
Personal training and hygiene	2	
Complaints, Recalls and Product quality review	2	

#### **Topics taught as a percentage of the content specified:**

<b>&gt;90 %</b>	√	<b>70 – 90 %</b>		<b>&lt;70%</b>	
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- **Reasons in detail for not teaching any topic: -----**
- **If any topics were taught which are not specified, give reasons in detail: -----**

#### **2-Teaching and learning methods:**

Lectures	√
Practical Training / Laboratory	√
Seminar / Workshop	-

Class activity	√
Case study	-
Other assignment / homework	√

- **If teaching and learning methods were used other than those specified, list and give reasons:** Internet based researches to develop self learning skills as well as computer and internet skills.

### 3-Student Assessment:

Assessment task	Week due	Proportion of total assessment
<b>Assessment (1):</b> Written exam	Week 15	60%
<b>Assessment (2):</b> Practical exam & activity	Week 12	25%
<b>Assessment (3):</b> oral exam	Week 15	15%
<b>Total</b>		100%

### Members of examination committee:

- Prof. Dr. Mahmoud Abd El-Ghany
- Prof. Dr. Mohie Hafez

### 4-Facilities and Teaching Materials:

Totally adequate	
Adequate to some extent	√
Inadequate	

### List any inadequacies:

.....

### 5- Administrative Constraints:

- Crowded schedule.

**6- Comments from external evaluator(s):**

<b>Comments</b>	<b>Response of course team</b>
- Taking care about repeating the contents of the course. - Credit hours were not mentioned in the course specification and report.	- The reports will be revised and written carefully.

**7- Course Enhancement:**

<b>Action required</b>	<b>State whether or not complete and give reasons for any non completion</b>
Organizing visits of the students to industrial companies	Not completed due to large number of students

**9- Action plan for academic year 2019– 2020:**

<b>Action required</b>	<b>Completion date</b>	<b>Person responsible</b>
Organizing visits of the students to industrial companies	2019/2020	- Faculty vice dean for education and student affairs

**Course Co-ordinators:**

- Prof. Dr. Mahmoud Abd El-Ghany

**Signature:**

**Date:** Course report is approved on 28-10-2019

