

The allowance and the decision to establish the chemistry bachelor program

**The allowance and the decision to establish the chemistry bachelor program
Az Zulfi college of Education**

**The preparation was done by the committee of the academic accreditation and quality
Review was done by a supervising committee of the program**





King Abdu-Allah bin Abdu-AL-Aziz

Custodian of the Two Holy Mosques

May God protect him



Prince Salman bin Abdul Aziz, who is the Crown Prince and Deputy Prime Minister and Minister of Defense. May God protect him.



Prince Megrn bin Abdulaziz, who's the second crown prince and is the second Deputy Prime Minister.

Minister of Higher Education, Prof. Dr. Khalid bin Mohammed Al-Angari.



The Rector of the university Dr. Khaled bin Saad Al Mgrn .



The Dean of the college of Education in Zulfi ,

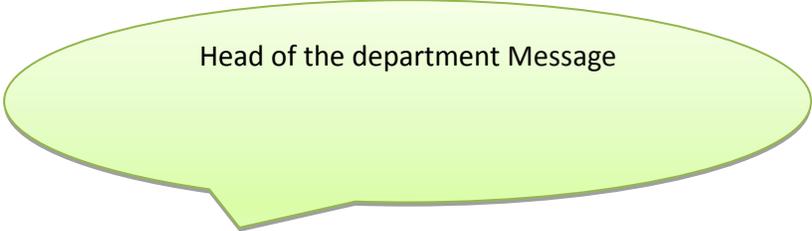
Dr. Abdulla bin Khalifah Al-Swaykt.

Chemistry department



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Head of the department Message

Chemistry has **contributed** and **s-till does-** to the development of science over time. We do not exaggerate if we considered the chemistry as a father to all of Applied Sciences. The old Muslim people were calling it with the workmanship and Muslim scholars have contributed and continue to develop the building blocks and foundations of this great science starting from Jabir bin Haian to Ahmed bin Zewail. The evolution in the science of chemistry has continued until it joins and develops everything we can see or touch.

This department is considered as a bright ring among the rings of preparation and qualification of women to be able to build and construct her home or country.

One of the axioms which is incontestable that chemistry has become an integral part of our daily lives and is growing and gets through it. Our reliance on chemistry increases over the days. Since researchers were able to decrypt that science.

It has ever since started to develop at an accelerated pace and achieves unprecedented achievements. It comes as a synonymous or an assistant for all the **specializations**, science and its branches with a chemistry capacity or through its products. It is used for the benefit of improving the quality of human life. Despite a number of misuses and hazards, chemistry is crucial for the development of sciences.

The most important landmark in the modern era is that positive partnership between industry and academia in this field in order to face with the global challenges which affects energy and **climate** change, water scarcity, **nutrition** and development for the **preservation** of resources. The most important future trends focus on the production of clean and environment-friendly chemicals. These chemicals must be combined to study of the impact of the material produced on both of health and the environment. Depending on that the chemistry always operates on the decode the materials that surrounds us and makes up our structure and because of that it becomes a symbol of progress due to the entry of all walks of life and various types of industry.

This what made of chemistry one of key future sciences. It's considered as a basic engine in the economic development of all industries. Based on these trends the owners trend of this profession increased towards improving the healthy environment and security as they have their research and innovation in many fields , including toxins and nanomaterials and nuclear materials and biotechnology, United resources and motivation, and the sources of energy, alternative energy, not to mention the attention to water and food security for the **population of the globe**, and these beliefs call for scientists to convince the public that the chemistry is a science of life and future as it is at the same time a source of useful innovation and significant economic engine.

The world realized that the power of chemistry serve human and tend to provide more facilities in various fields. **Therefore Workers are the unknown soldiers who stayed up to improve the quality of life by what they are doing to monitor air, water and soil quality and work to prevent their contamination and seeking to find solutions to that pollution which had happened. chemistry services did extend to include all areas of life and sciences. It provides its services to the museums and the historians and archaeologists did get benefits of it. Not to mention the services of chemistry in the areas of forensic evidence, the service of the judiciary, the detection and fight against crime and fraud not only this, but it became known that it is not correct for any field of sciences to be completed without the use of chemicals, but rarely.**

Important events

Hijri Date	Event
1413 AH	The emergence of the college of Education in Zulfi
1421 AH	The emergence of chemistry department
3-1430 AH - Rammadan	The emergence of Majmaah University
1413 AH	Beginning of the study in the college of Education
1421AH	Beginning of chemistry program study

College of Education in Zulfi was established in 2 /1413 AH under the name of (Women's Medium College of Az Zulfi), and it used to grant the Medium college diploma that enable its graduates to teach in elementary schools and includes the following departments:

- .Department of Arabic Language, and Social Sciences -**
- .Department of the Holy Qur'an and Islamic Studies -**
- .Department of Science and Mathematics -**
- Department of Economy and Education -**

It was under the supervision of the General Presidency for Women Education at that time In 1421 AH, the Head of General Education of women , Abdu-Almalik bin Dhish decided to develop The college and convert to Az Zulfi Women's College of Education to grant Bachelor's degree for the graduates to teach intermediate and secondary schools, and it had gotten the approval in order to open the five department of : Physics, Arabic Language, Chemistry, Mathematics, and Household chores.

In 1422AH, the Department of Islamic Studies was opened and the old departments were closed. There were now four departments: the Department of Arabic Language and Social Sciences, the Department of the Holy Quran and Islamic Studies, the Department of Science and Mathematics, and Household chores Department and art courses and then opened the .computer department

In 1428 AH, the college joined to the Princess Nora University - which was known by University of Riyadh - and in 1430 it joined to King Saud University and subject to its supervision from distance

On 3rd Ramadan 1430AH, corresponding to August 24, 2009 AD, a royal Decree was issued No. (7305 / MP) from the Custodian of the Two Holy Mosques King Abdullah bin Abdulaziz Al Saud, Chairman of the Council of Ministers and the President of the Higher Education Council- may God protect him, who agreed to the establishment of Majmaah University next to three other universities in: Dammam, Al-Kharj province, and the province of Shagra.

Under this decision nine existing colleges were included and the College of Education in Zulfi was within the colleges that had the honor of the mentioning in this Royal Decree, and According to that its name was changed to the (College of Education in Zulfi) and also to includes men and women.

Overview about chemistry department

Chemistry plays a vital role in people's lives. So the teaching of chemistry becomes as a necessary approach to achieve the maximum degree of the employing to the chemical concepts in order to give a good feedback to both of the individual and society .

The department of chemistry was established in 1421AH and the graduation of the first group was in 1424AH. The Department of Chemistry is one of the oldest departments that accompanied the period of the incorporation since it was the center for Science and Mathematics and A college of mid-level access to the College of Education as its current status.

It prepares teachers of the future with the information and the necessary basic skills and experiences that qualify them to teach science in the future to the stages of public education. giving an opportunity to the outstanding students in order to continue their postgraduate studies in Chemistry.

depending on set of courses that have been carefully selected to meet the needs of teacher preparation for different stages according to the prevailing vision for this setting and which was achieved next to the development of the college.

The Chemistry department includes four faculty members in various specializations of chemistry such as:(Biochemistry - organic chemistry- inorganic chemistry and physical). Also the department includes a lecturer and two assistant teachers.

The department of chemistry is distinguished for being in a line with the Scientific Progress and the professors of the department were really eager to be on a high level of sense of responsibility and scientific awareness.

The faculty members of the departments used to participate in different activities in the college so they had had effective contributions in the field of the general relationships in the

college, cultural activities, academic advisory, extracurricular and other different activities and administrative works.

The faculty members of the departments see that it is necessary to invest in the abilities of students and motivate them to invest their potential energy through the creative work in order to build aware and conscious generation who are able to develop and build their home, participate in the advancement of human civilization by absorbing to the era academic and industrial sciences but also by the interaction with the information revolution positively. So the students can be harmonious with the contemporary changes around them.

When students graduate from the Department of Chemistry can work in the governmental sector in the following functions:

- Specialization of chemistry
- Specification and quantification specialist and researcher.
- Environmental protection specialist
- General health specialist
- Environment observer

These functional opportunities are available in the Ministry of Petroleum, the Ministry of Education and Mineral Resources, the Ministry of Industry, Electricity, the Ministry of Health and universities. As the graduates can work in many industrial fields such as oil and chemical companies, food and drug manufacturing companies and labs and quality control laboratories

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The faculty members of chemistry department for 1434/1435AH

Faculty members

Sequence	Name	Academic rank-specialization	Phone No.	E-mail
1	Dr.GehanAl-aemary	Assistant prof - Biochemistry	0559351899	Aemarygehan@yahoo.com g.alomayri@mu.edu.sa
2	Dr. Nawal Mahjoub Suliman	Assistant prof – organic chemistry	0553148119	n.suliman@mu.edu.sa nawalmahgoub@gmail.com
3	Dr. Amani Hassan	Assistant prof – organic chemistry	0566730890	Ah.ahmed@mu.edu.sa
4	Dr.Mai Makki Mahmoud	Assistant prof – analytical chemistry	0502988689	mm.mahmoud@mu.edu.sa
6	. Ibtihaj El-Hassan	Lecturer – physical chemistry	0501204933	e.elhasan@mu.edu.sa
6	. Mona AL-Fowzan	Lecturer - Biology	054421438	m.alfouzan@mu.edu.sa mnf1922@hotmail.com

Assistant crew

sequence	Name	Academic rank	Phone No.	E-mail
1	Widad Al-Sigiani	Teaching assistant	05631371058	w.alsigiani@mu.edu.sa wd202060@hotmail.com
2	Alanoud Al-Jaghwani	Teaching assistant	0555263347	a.aljaghwani@mu.edu.sa
3	Ruba Al-Mudeed	Teaching assistant	0591237791	Wrdah-77@hotmail.com r.almudeed@mu.edu.sa

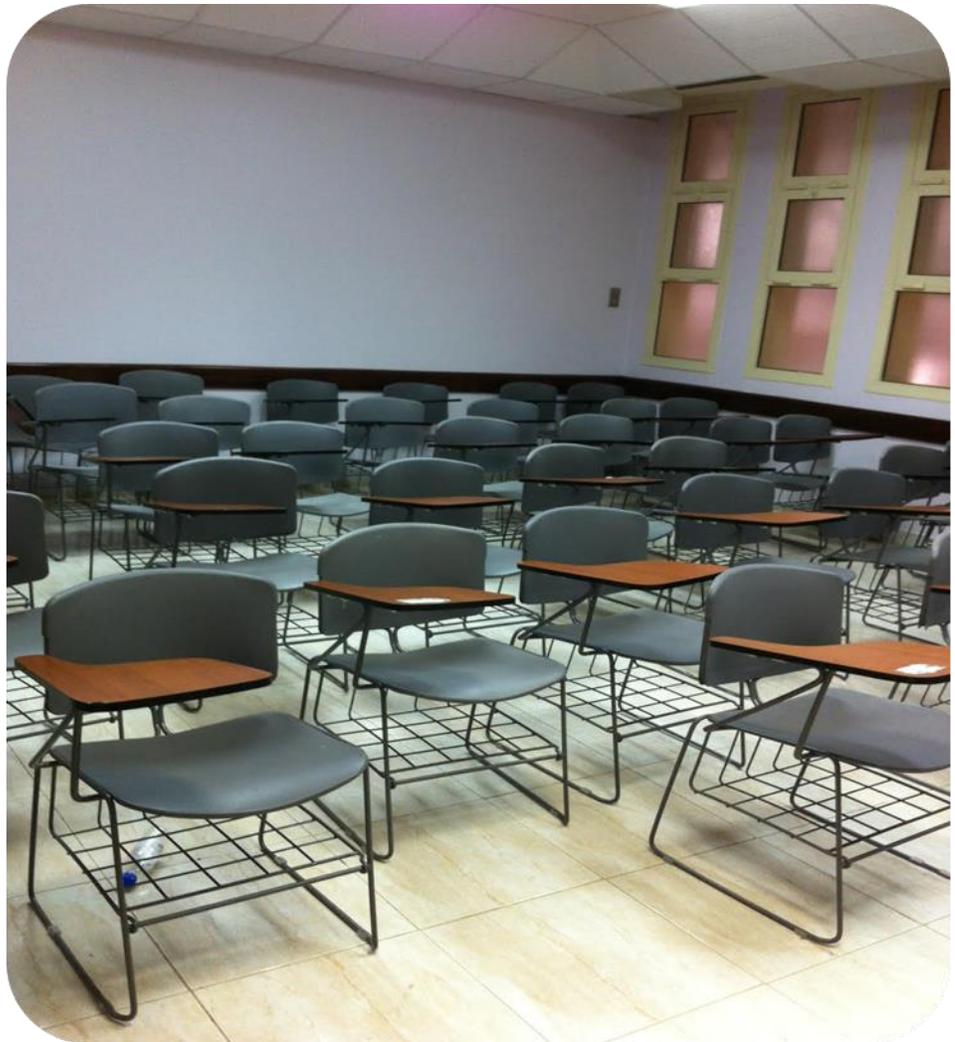
4	Afnan Al-Twalah	Teaching assistant	0548388995	Altwala8@gmail.com a.altwala@mu.edu.sa
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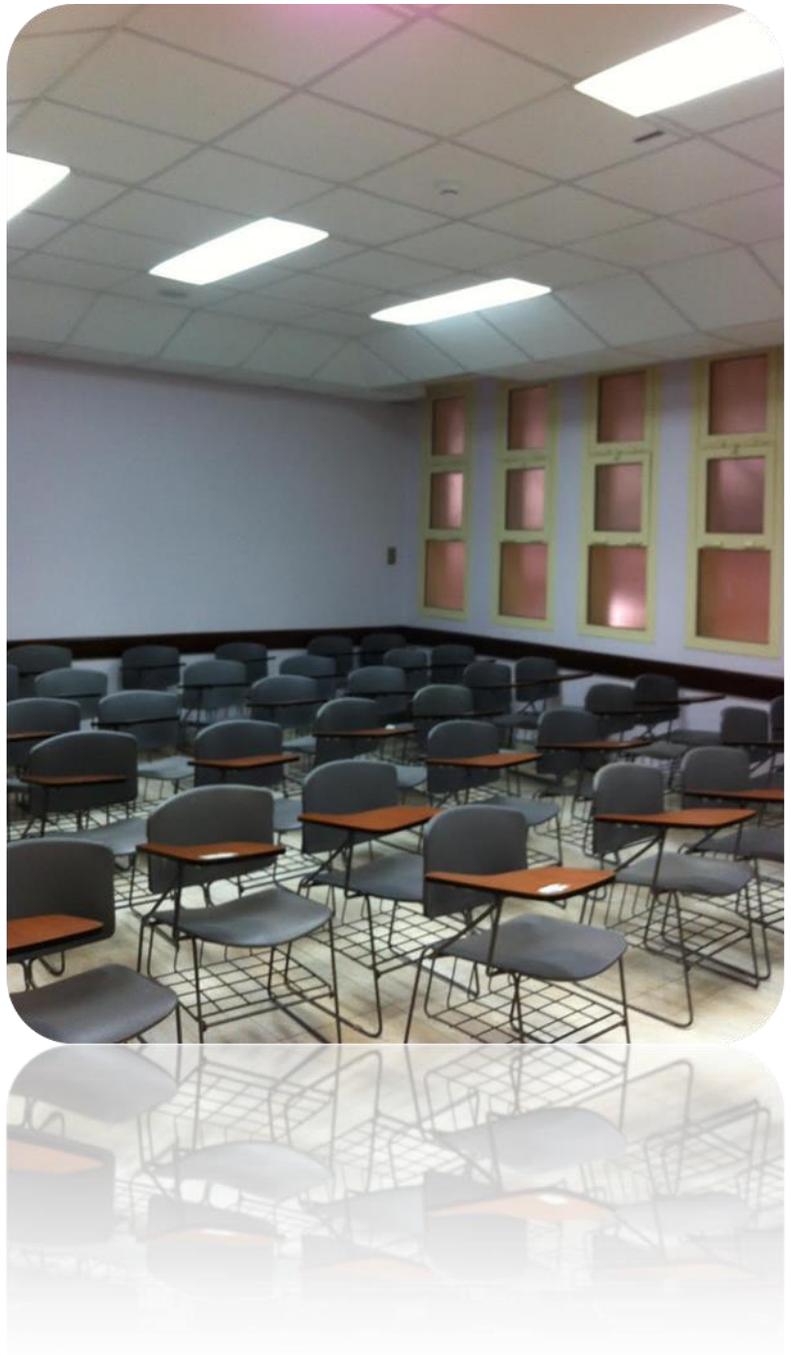
The assistant crew in the preparation of laboratories:

Badriah Al-Shia'a, Baian Al-Tayar, Ashwag Al-Atiwi, Zainab Al-Swaikit and Nora Al-Thbiti









The Foundation of Majmaah University

The establishment of Majmaah university came with the consent of the Custodian of the Two Holy Mosques, King Abdullah bin Abdulaziz Al Saud, who's the Prime minister and the head of a higher Education. May God protect them. The decree set for the establishment of three other universities in Dammam, Al-Kharj and Shagra on 3 Ramadan 1430 AH corresponding to August 24, 2009 AD. According to this decision Majmaah university includes nine existing colleges and three are ones. Majmaah university contains some provinces and centers like Al-Majmaah, Zulfi, Al-Ghat, Remah and Hotat Sdier. So this university will serve a large geographic area to include several provinces, cities and villages where the spread of public education was completed.

The Education system will be completed in this university and will achieve the goal of the ministry of High Education through the expansion of university education to include all parts of the kingdom of Saudi Arabia. Because this university will help in the adoption of the increasing numbers of high school graduates. Besides that it will help in bringing the social and psychological stability to the guys and girls of that area, it will help in the dilution towards the huge number of students in the universities in the big cities and by it the scientific and cultural mobility will happens to the local community.

In addition to serve the society in many different fields (social, educational and training aspects) widely. Next to the possibility of raising the level of functional and organizational performance governmental agencies and institutions through providing the advanced courses and counseling in the available specializations. Through the scientific researches, programs and studies which fit what was drawn to it according to the future vision of the university as well, in order to achieve its noble mission and to reach its goals , God willing .

The stages of the establishment of this university were crowned through the issuance of a royal order which was called A/194 ,1430/12/30AH which is corresponding to December 27,2009 AD and it was about the appointment of Dr. Khaled bin Saad bin Muhammed Al-Mogrin as a rector to Majmaah university with an excellent rank.

The work of this university must begin by a wider way to let the steps become a quick in order to achieve the completed colleges and to build new other colleges, looking to get the agreement to add the departments of the specializations which the labor market needs them. All of that is in order to let this college gets its rode of the development and advancement by giving this emerging university the optimistic outlook of bright future, it will become an advanced scientific beacon which has its known name among other universities with a high degree of honor, glory and with its distinction. This happened by the grace of God and then by the support of the Government of the Custodian of the Two Holy Mosques through what has been adopted for the University of big budget.

Higher Education Council resolution of the establishment of the Majmaah University

In the name of Allah, the entirely Merciful, the Especially Merciful.

Kingdom of Saudi Arabia

Higher Education Council

general municipality

Topic : Establishment of three governmental universities

Session: Minutes of scrolling about the establishment of three public universities in each of Al-Kharj, Shagra and Al-Majmaah.

High approval		Higher Education Council resolution		
Date	No.	Date	Session	No.
1430/9/3AH	postal No.(7205)	1430-7-14AH	Minutes of scrolling	1430-4 AH
Establishment of Majmaah university Includes the colleges in Al-Majmaah province, Province of Zulfi and province of Hotat Sudair. Like what follows				
city	College	Sequence		
Al-Majmaah	Community college	1		
Al-Majmaah	applied medical sciences college	2		
Al-Majmaah	College of Administrative and Humanities sciences	3		
Al-Majmaah	College of Computer Science and Information Technology for Women	4		
Al-Majmaah	The college of Education	5		
Al-Majmaah	College of Health Sciences for Women	6		
Al-Majmaah	College of Health Sciences for men	7		
Hotat sdier	College of Education for women	8		
Zulfi	College of sciences	9		
Zulfi	College of education for women	10		

Minutes of scrolling

About the establishment of (three) universities in each of Al-Khrj, Shagra and Al-Majmaah as well as separate a half of King Faisal University in Dammam to be independent universty.

Session: Minutes of scrolling about the establishment of three public universities in each of Al-Kharj,Shagra and Al-Majmaah as well as separate a half of King Faisal University in Dammam to be independent university.

Date: 1430/7/14 AH corresponding to 2009/7/7 AD

Resolutions : resolution of scrolling No. (1430,4)

High approval: postal No.(7205) corresponding to 1430/9/3 AH

Resolution No.	Topic	Page
Pass-through resolution No (1430-4)	The text of the Board's decision as follows	17

First, An agreement of the establishment to three governmental universities in each of Al-Kharj Provence , Shagra and Al-Majmaah according to which follows:

1- Al-Kharj including the colleges of Al-Kharj, Al-Delm, Al-Aflaj , Wadi Al-Dwasir and Hotat bani Tamim. They are 19 colleges as follows

Sequence	College	Province
1	community College	Alkhrj
2	College of sciences	Alkhrj
3	Applied medical sciences	Alkhrj
4	College of Engineering	Alkhrj
5	College of Business Administration	Alkhrj
6	college of Medicine	Alkhrj
7	the college of computer engineering and sciences	Alkhrj
8	College of Dentistry	Alkhrj

9	College of Pharmacy	Alkhrj
Sequence	College	City
1	community College	Al-Khrj
2	College of sciences	Al-Khrj
3	Applied medical sciences	Al-Khrj
4	College of Engineering	Al-Khrj
5	College of Business Administration	Al-Khrj
6	college of Medicine	Al-Khrj
7	the college of computer engineering and sciences	Al-Khrj
8	College of Dentistry	Al-Khrj
9	College of Pharmacy	Al-Khrj
10	the college of Education (scientific departments)	Al-Khrj
11	the college of Education(literary departments)	Al-Khrj
12	college of Health sciences for women	Al-Khrj
13	College of Education for teachers preparation	Al-Khrj
14	community College	Al-Delm Center
15	college of Education for women	Al-Aflaj
16	college of Education for	Hotat bani Tamim

	teachers	
17	College of Arts and Sciences	Wadi Al-Dwasir
18	College of Education for women	Wadi Al-Dwasir
19	Health Institute for Women	Wadi Al-Dwasir

2-Shagra and includes the colleges of Shagra, Hurimila, Goy'ayah, Dwadmi, Sajer, Darma and Afif. they are 21 colleges which are as follows:

Sequence	College	City
1	community College	Shagra
2	College of Arts and Sciences	Shagra
3	college of Education for women	Shagra
4	college of health sciences for women	Shagra
5	community College	Hurimila
6	college of Education for women	Hurimila
7	community College	Goy'ayah
8	college of Education for teachers	Goy'ayah
9	Health Institute for Women	Goy'ayah
10	community college	Al-Dwadmi
11	college of sciences	Al-Dwadmi
12	College of Engineering	Al-Dwadmi
13	College of Nursing for Women	Al-Dwadmi
14	Faculty of Physical Therapy for women	Al-Dwadmi
15	college Of kindergarten	Al-Dwadmi
16	College of Health Sciences for men	Al-Dwadmi
17	College of Health Sciences for women	Al-Dwadmi
18	college of Education for women	Al-Dwadmi

19	college of Education for teachers	Sajer
20	community College	Darmma
21	college of Education for teachers	Afif

3- Al-Majmaah includes the colleges in (Majmaah , Zulfi and Hawtat Sdir) they are 10 which are as follows

city	College	Sequence
Al-Majmaah	Community college	1
Al-Majmaah	applied medical sciences college	2
Al-Majmaah	College of Administrative and Humanities sciences	3
Al-Majmaah	College of Computer Science and Information Technology for Women	4
Al-Majmaah	The college of Education	5
Al-Majmaah	College of Health Sciences for Women	6
Al-Majmaah	College of Health Sciences for men	7
Hotat sdier	College of Education for women	8
Zulfi	College of sciences	9
Zulfi	College of education for women	10

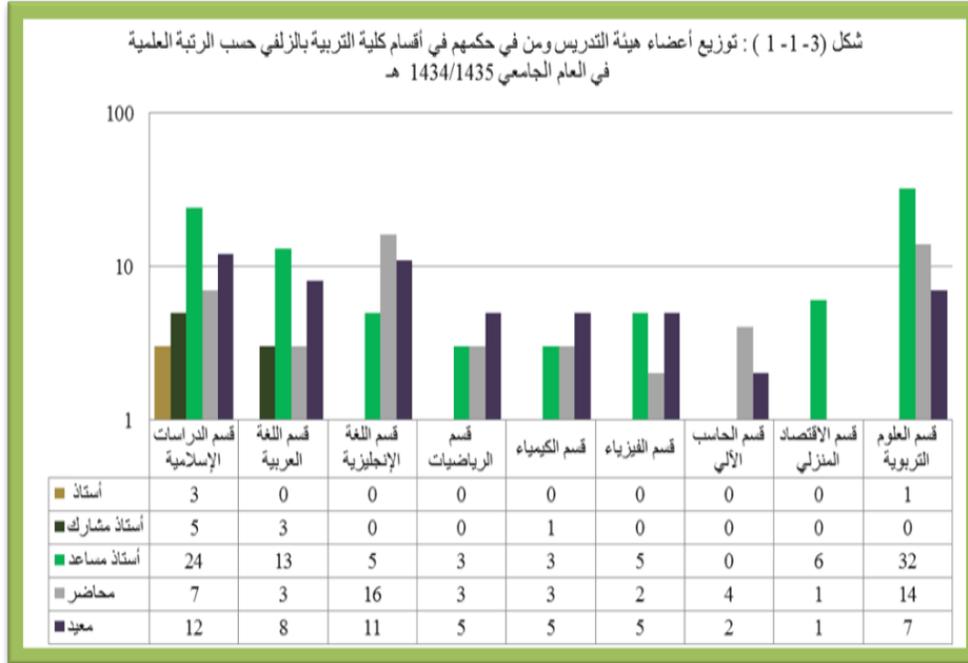


Figure 3-1-1: Distribution of faculty members and who equals them to the departments of the college of Education in Zulfi on the grounds of Academic Rank during the academic year1434/1435AH.

Professor

Associate Professor

Assistant professor

Lecturer

Teaching Assistant

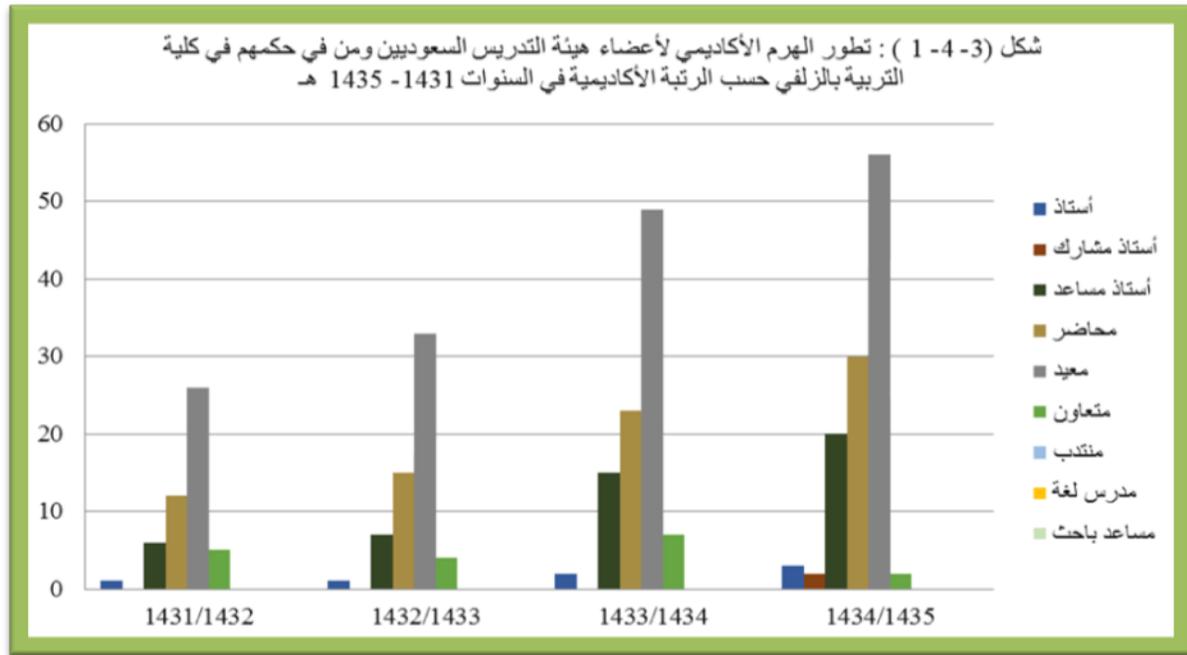


Figure (3-4-1) the development of Saudi faculty members' academic pyramid and who is alike in the college of Education in Zulfi according to the academic rank during the years from 1431 AH to 1435 AH.

Professor

Associate Professor

Assistant professor

Lecturer

Teaching Assistant

Collaborator

Mandatory teacher

Language Instructor

Researcher assistant

Figure (3-4-2) The evolution of the total Saudi faculty members and who equals them in the college of Education in Zulfi according to the academic rank for the years 1431-1435AH

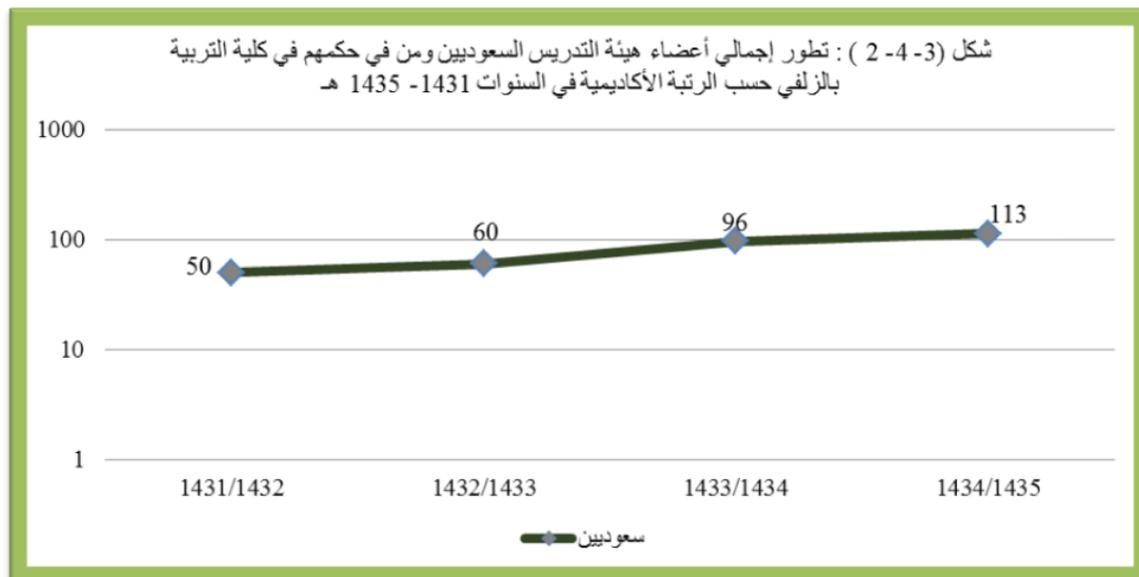


Figure (3-5-3) Annual increase for faculty members of non-Saudis and who is alike to them in the college of Education in Zulfi according to the academic rank for the years 1431-1435AH the rate of annual increase

**Figure (3-6-1) The achieved average (teacher: student)in the departments of the college of education in Zulfi for the students in the Bachelor stage for the Academic year of 1434-1435 AH
The divisions of special Education and Kindergartens**

The departments:

Islamic studies- Arabic language- English language- mathematics- chemistry- physics- Computer - Household chores-divisions of special education and kindergarten and Educational Sciences department.

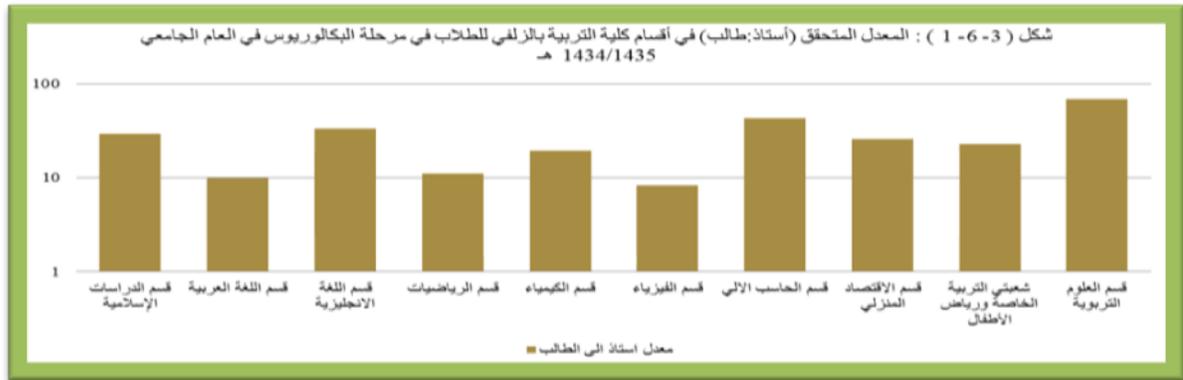


Figure (4-1-1) Number of scholarships in the college of Education in Zulfi for the year of 1434-1435 AH

They are distributed according to the department and the degree which the scholarship is for .

Master -ph.D. - Postdoctoral Research

The departments:

Islamic studies- Arabic language- English language- mathematics- chemistry- physics- Computer - Household chores-divisions of special education and kindergarten and Educational Sciences department.

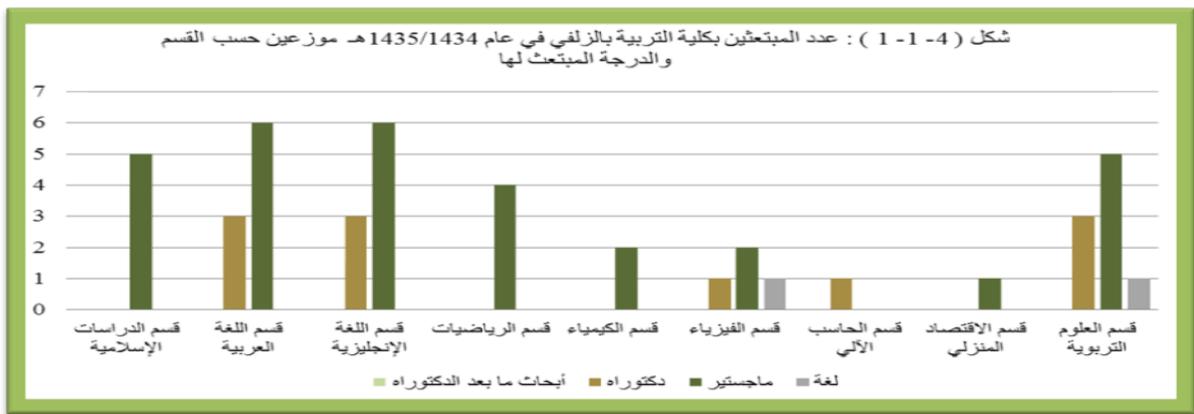


Figure (4-1-2) Number of scholarships in the college of Education in Zulfi for the year of 1434-1435 AH according to the Scholarship types :external -internal

The departments

Islamic studies- Arabic language- English language- mathematics- chemistry- physics- Computer - Household chores-divisions of special education and kindergarten and Educational Sciences department.

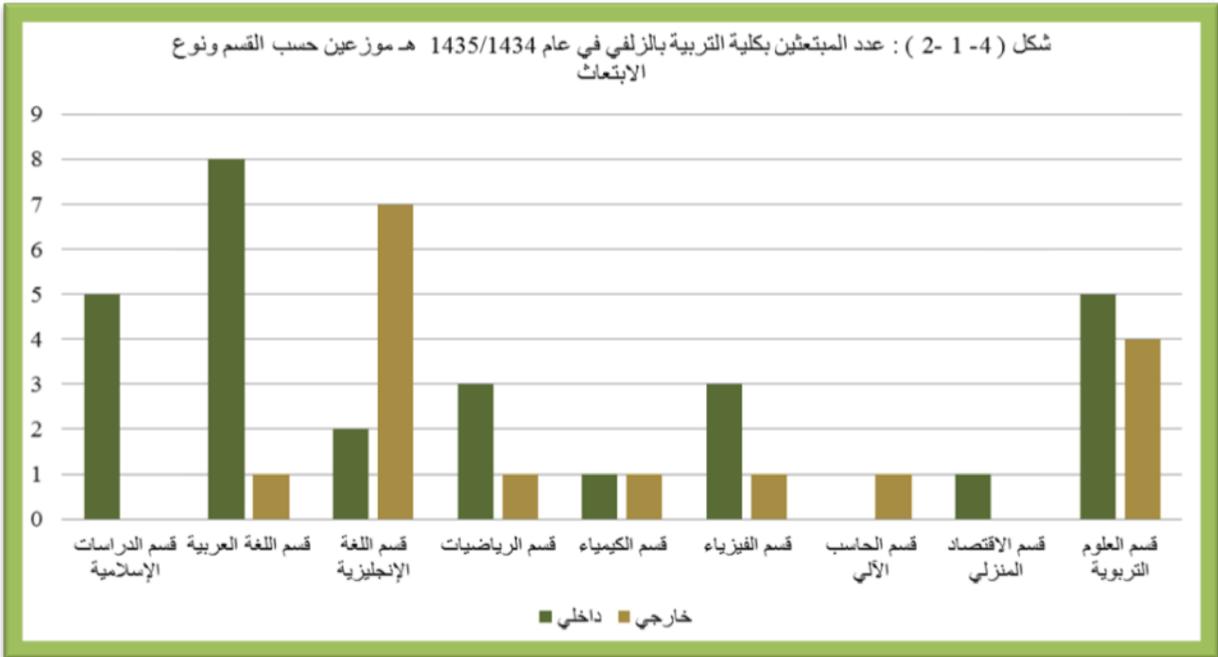
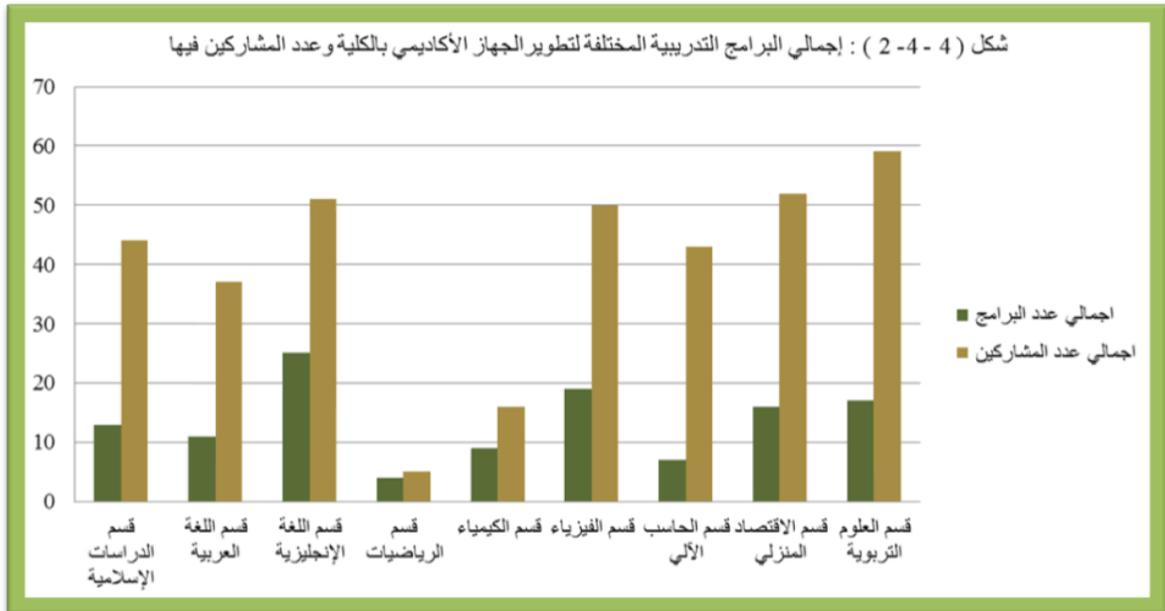


Figure (2-4-4) The total of the different training programs For the development of the academic faculty in the college and the number of participants

The departments

Islamic studies- Arabic language- English language- mathematics- chemistry- physics- Computer - Household chores-divisions of special education and kindergarten and Educational Sciences department.



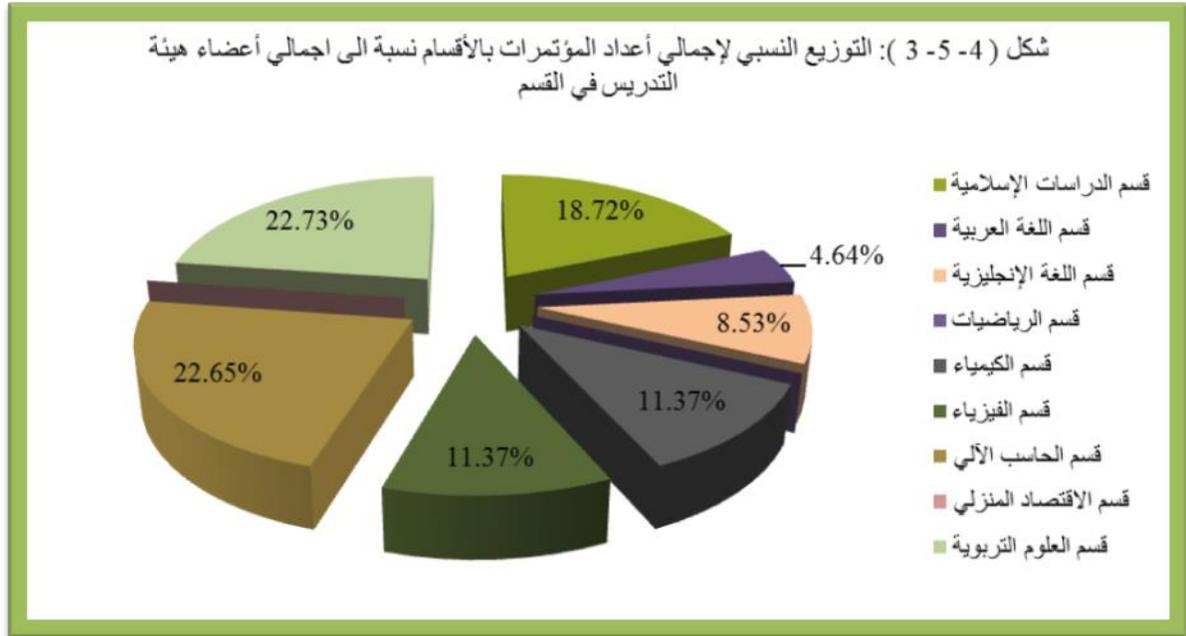
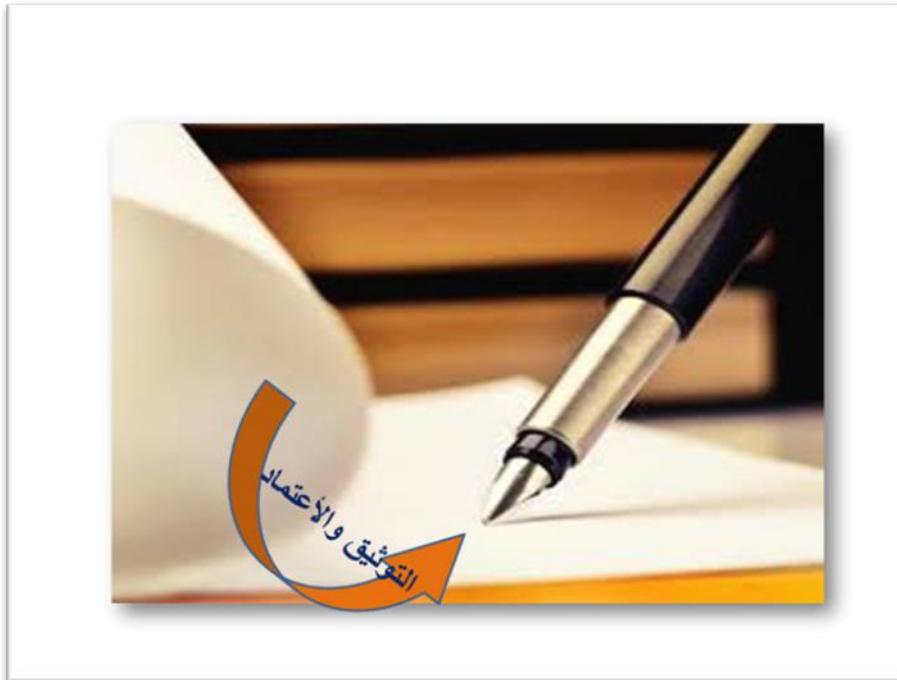


Figure (4-5-3) The prorated distribution to the total number of the conferences in the departments that commensurate with the number of the faculty members in the department

The departments

Islamic studies- Arabic language- English language- mathematics- chemistry- physics- Computer - Household chores-and Educational Sciences department.

Documentation and Accreditation



Preparation was done by the
quality and accreditation

sign	Considered as	Academic rank	name	Sequencw
	The head of the Committee plans – The head of the department	Associate professor	Dr.Gehan Al-aemary	1
	Commission agent and the head of the Scientific research and the graduate studies committee	Assistant professor	Dr. Nawal Mahjoub	2
	A member	Assistant professor	Dr. Amani Hassan	3
	A member	Assistant professor	Dr. Manal Muhammed Salim	4
	Coordinator of the commission of quality	Lecturer	. Ibtihaj Al-Hassan	5
	A member	lecturer	. Inas Al-Jehani	7

The review was done by the
supervising committee

signature	Considered as	Academic rank	name	Sequence
	The head of the Committee plans – The head of the department	Associate professor	Dr.Gehan Al-aemary	1
	Commission agent and the head of the Scientific research and the graduate studies committee	Assistant professor	Dr. Nawal Mahjoub	2
	A member	Assistant professor	Dr. Amani Hassan	3
	A member	Assistant professor	Dr. Manal Muhammed Salim	4
	Coordinator of the commission of quality	Lecturer	. Ibtihaj Al-Hassan	5
	A member	Assistant professor	Dr.Mai Makki Mahmoud	6
	A member	lecturer	. Inas Al-Jehani	7