

التقرير السنوي الرابع لقسم الكيمياء  
للعام الجامعي ١٤٣٤/١٤٣٥ هـ

4<sup>th</sup>annual report of the chemistry department for the academic year 1434-1435 H

## Chapter one: Male & female students enrolled in the chemistry department

Table(1.1): The total number of newly enrolled male & female students (Credit hours system /levels) at the chemistry department distributed according to the their study status, nationality and gender during the academic year1434-1435 H

| Total | Credit hrs. system /levels |       |   | Study status          |
|-------|----------------------------|-------|---|-----------------------|
|       | Newly enrolled students    |       |   |                       |
|       | 1 <sup>st</sup> Level      |       |   |                       |
| Total | Females                    | Males |   |                       |
| 30    | 30                         | 30    | 0 | Saudi                 |
| 0     | 0                          | 0     | 0 | Non Saudi/ Expatriate |
| 30    | 30                         | 30    | 0 | Total                 |
| %100  | %100                       | %100  | 0 | % Percentage          |

Table(1.2): The total number of registered male & female students (Credit hours system /levels) at the chemistry department distributed according to the their study status, nationality and gender during the academic year1434-1435 H

| Total | Registered (Credit hrs. System/Levels) |     |   |                       |      |   |                       |     |   |                       |      |   |                       |     |   | Study Status          |
|-------|--|-----|---|-----------------------|------|---|-----------------------|-----|---|-----------------------|------|---|-----------------------|-----|---|-----------------------|
|       | 6 <sup>th</sup> Level                  |     |   | 5 <sup>th</sup> Level |      |   | 4 <sup>th</sup> Level |     |   | 3 <sup>rd</sup> Level |      |   | 2 <sup>nd</sup> Level |     |   |                       |
|       | Total                                  | F   | M | Total                 | F    | M | Total                 | F   | M | Total                 | F    | M | Total                 | F   | M |                       |
| 87    | 2                                      | 2   | 0 | 28                    | 28   | 0 | 1                     | 1   | 0 | 52                    | 52   | 0 | 4                     | 4   | 0 | Saudi                 |
| 0     | 0                                      | 0   | 0 | 0                     | 0    | 0 | 0                     | 0   | 0 | 0                     | 0    | 0 | 0                     | 0   | 0 | Non Saudi/ Expatriate |
| 87    | 2                                      | 2   | 0 | 28                    | 28   | 0 | 1                     | 1   | 0 | 52                    | 52   | 0 | 4                     | 4   | 0 | Total                 |
| 100   | 2.3                                    | 2.3 | 0 | 32.2                  | 32.2 | 0 | 1.1                   | 1.1 | 0 | 59.7                  | 59.7 | 0 | 4.6                   | 4.6 | 0 | Percentage %          |

Table(1.3): The total number of graduate male & female students (years system) at the chemistry department distributed according to the their study status, nationality and gender during the academic year1434-1435 H



|   |   |   |   |   |   |   |   |   |              |
|---|---|---|---|---|---|---|---|---|--------------|
| - | - | - | - | - | - | - | - | - | % Percentage |
|---|---|---|---|---|---|---|---|---|--------------|

## Chapter Two: Students' activities & Services

Table(2.1): The department events/activities(numbers of participants & dates and venues

| No. participants | Venue  | Date held                        | Activity Type        | Event/Activity Name  |
|------------------|--|----------------------------------|----------------------|--|
| 200              | Chemistry Lab.<br>Faculty of<br>Education, Zulfi                       | 22-6-1435 H                      | Cultural             | Chemistry Sea<br>Exhibition  |
| 150              | Chemistry Lab.<br>Faculty of<br>Education, Zulfi                       | 22-6-1435 H                      | Social               | School students visit to<br>the department   |
| 5<br>10          | 5 <sup>th</sup> Secondary<br>School, Zulfi<br><br>All Zulfi<br>Schools | 29-1-1435<br>H14/15-6-<br>1435 H | Social               | The department visit<br>to some schools- when<br>students delivered<br>presentations on<br>nutrition |
| 50               | Faculty of<br>Education, Zulfi   | 23-4-1435 H                      | Cultural             | "Let's be a literate<br>nation" Program  |
| 50               | Faculty of<br>Education, Zulfi   | 1-5-1435 H                       | Cultural             | Social service and<br>orientation-"Thank<br>her Campaign"  |
| 60               | Faculty of<br>Education, Zulfi   | 8-5-1435 H                       | Cultural &<br>Social | ....Forum  |
| 200              | Faculty of<br>Education, Zulfi   | 15-5-1435 H                      | Cultural &<br>Social | "Drugs Free Society"<br>Program- Hosting the<br>Directorate General<br>for Fight against<br>Drugs    |
| 50               | Faculty of<br>Education, Zulfi   | 29-5-1435 H                      | Cultural             | "You are not alone"<br>Campaign  |
| 50               | Faculty of<br>Education, Zulfi   | 9-6-1435 H                       | Cultural             | Scientific Miracles in<br>the Holy & Sunnah- In<br>yourselves, don't you<br>see?                     |
| 30               | Faculty of<br>Education, Zulfi   | 13-6-1435 H                      | Cultural             | Campaign for diabetic<br>patients  |
| 50               | Faculty of<br>Education, Zulfi   | 20-6-1435 H                      | Cultural             | "It's you who take<br>care of your health"<br>program  |

|    |                             |             |          |  |
|----|-----------------------------|-------------|----------|--|
| 60 | Faculty of Education, Zulfi | 27-6-1435 H | Cultural | "Your vitality- the importance of sports "program                  |
| 50 | Faculty of Education, Zulfi | 16-4-1435 H | Cultural | The theatre: Recitation, Poetry-speeches                           |
| 50 | Faculty of Education, Zulfi | 15-5-1435 H | Cultural | Program: Distributing garbage bins all around the faculty building |

Table(2.2): Services provided to the students and numbers of beneficiaries

| Numbers of beneficiaries | Follow up                         | Person in charge                               | Date          | Status      |   | Service                  |
|--------------------------|-----------------------------------|--|---------------|-------------|---|--------------------------|
|                          |                                   |  |               | Not working | Working   |                          |
| -                        | -                                 | -  | -             | √           | -   | The department library   |
| 30                       | The scientific research committee | The scientific research supervisor             | 12, 23-6-1435 | -           | √   | Seminars (study based)   |
| 150                      | Dr. Gehan El-Emairy               | The scientific research supervisor (Dr. Nawal) | 22-6-1435     | -           | Discussions with assistant teachers about the problems they face. | Seminars (culture based) |
| 158                      | Dr. Gehan El-Emairy               | Mrs. AmnahShetweey                             | 1433-1434     | -           | √   | الارشاد الأكاديمي        |

### Chapter Three: Staff members/ Faculty

Table (3-1): Staff members' names and occupational status for the academic year 1434-1435 H

| Other(clarify) | Current occupational status |                    |       |                  |                 |           |                     | Gender | Nationality | Degree              | Name               | Ser. |
|----------------|-----------------------------|--------------------|-------|------------------|-----------------|-----------|---------------------|--------|-------------|---------------------|--------------------|------|
|                | On contract                 | Visiting professor | إعارة | مكلف خارج الكلية | مكلف خارج القسم | تفرغ علمي | Currently recruited |        |             |                     |                    |      |
|                | -                           | -                  | -     | -                | -               | -         | √                   | Female | Egyptian    | Associate professor | Dr. GehanEl-Emairy | 1    |



|      |      |   |     |     |   |     |     |   |                   |
|------|------|---|-----|-----|---|-----|-----|---|-------------------|
| 12   | 12   | 0 | 6   | 6   | 0 | 6   | 6   | 0 | <b>Total</b>      |
| %100 | %100 | 0 | %50 | %50 | 0 | %50 | %50 | 0 | <b>Percentage</b> |

Table (3-3): **The academic pyramid** for Saudi Staff members at the chemistry department during the past four years (1431/32, 1432/33, 1433/34, 1434/35)

| <b>Rate/Average</b> | 1434/35  | 1433/34  | 1432/33  | 1431/32  | <b>Degree</b>              | <b>Status</b>                              |
|---------------------|----------|----------|----------|----------|----------------------------|--|
| 0                   | 0        | 0        | 0        | 0        | <b>Professor</b>           | <b>Total number by the end of the year</b> |
| 0                   | 0        | 0        | 0        | 0        | <b>Associate professor</b> |  |
| 0                   | 0        | 0        | 0        | 0        | <b>Assistant professor</b> |  |
| <b>50</b>           | <b>1</b> | <b>1</b> | 0        | 0        | <b>Lecturer</b>            |  |
| <b>225</b>          | <b>5</b> | <b>4</b> | <b>2</b> | <b>2</b> | <b>Demonstrator</b>        |  |
| 0                   | 0        | 0        | 0        | 0        | <b>On contract</b>         |  |
| 0                   | 0        | 0        | 0        | 0        | <b>Recruited</b>           |  |
| <b>375</b>          | <b>6</b> | <b>5</b> | <b>2</b> | <b>2</b> | <b>Total</b>               |  |

Table (3-4): **The academic pyramid** for Non Saudi Staff members at the chemistry department during the past four years (1431/32, 1432/33, 1433/34, 1434/35)  
H)

| <b>Rate/Average</b> | 1434/35  | 1433/34  | 1432/33  | 1431/32  | <b>Degree</b>              | <b>Status</b>                              |
|---------------------|----------|----------|----------|----------|----------------------------|--|
| <b>0</b>            | 0        | 0        | 0        | 0        | <b>Professor</b>           | <b>Total number by the end of the year</b> |
| <b>25</b>           | <b>1</b> | 0        | 0        | 0        | <b>Associate professor</b> |  |
| <b>400</b>          | 3        | 4        | 4        | 5        | <b>Assistant professor</b> |  |
| <b>150</b>          | 2        | 2        | 1        | 1        | <b>Lecturer</b>            |  |
| <b>0</b>            | 0        | 0        | 0        | 0        | <b>Demonstrator</b>        |  |
| <b>0</b>            | 0        | 0        | 0        | 0        | <b>On contract</b>         |  |
| <b>0</b>            | 0        | 0        | 0        | 0        | <b>Recruited</b>           |  |
| <b>575</b>          | <b>6</b> | <b>6</b> | <b>5</b> | <b>6</b> | <b>Total</b>               |  |

| Reason of retirement   |                |                     |        |     | Date of retirement | Gender | Nationality | Degree              | Name                 | Ser . |
|--|----------------|---------------------|--------|-----|--------------------|--------|-------------|---------------------|----------------------|-------|
| Other  | إنهاء<br>تعاقد | Resig<br>natio<br>n | انتقال | فصل |                    |        |             |                     |                      |       |
| -  | -              | √                   | -      | -   | 14-10-1435 H       | Female | Egyptian    | Assistant professor | Dr. AfafShe rif      | .١    |
| Delay in the procedures that are to do with the university she moved to. | -              | -                   | √      | -   | ---                | Female | Saudi       | Demonstrator        | Ms. Mariam Al-Etaiby | .٢    |

Table (3-5): Names of staff members (Saudi/Non Saudi) who retired and reasons of retirement



Table (3-6): The **achieved rate** (professor: student) at the chemistry department regarding those registered in the academic year 1434-35 H- undergraduates

| The professor: student rate | Total number of male & female students | The total number of staff members and lectures | Number of lectures | Number of staff members |
|-----------------------------|--|--|--------------------|-------------------------|
| 29:1                        | 205                                    | 7  | 3                  | 4                       |

Table (3-7): The **achieved rate** (professor: student) at the chemistry department regarding those registered in the academic year 1434-35 H- post graduates

| The professor: student rate | Total number of male & female students | Number of staff members |
|-----------------------------|--|-------------------------|
| -                           | -                                      | -                       |

## Chapter Four: Scholarships & Training

Table (4-1): Detailed data of those on scholarships- distributed according specialization, gender and the degree to be obtained.

| Status     | University/Country        | Type of scholarship(internal/external) | Expected date to complete the program | Date of scholarship | Minor specialization | Degree to be obtained | Gender | Name                     | Se r. |
|------------|---------------------------|--|---------------------------------------|---------------------|----------------------|-----------------------|--------|--------------------------|-------|
| Proceeding | King Saud University/ KSA | Internal                               | 10-1436                               | 14-10-1433          | Physical Chemistry   | Masters               | Female | Ms. Al-noud Al-Geghwayny | ١     |
| Proceeding | Essex / United Kingdom    | External                               | 23-4-1436                             | 21-6-1435           | Chemistry            | Masters               | Female | Ms. Afnan At-Twalah      | ٢     |

Table (4-2): Numbers of those on scholarships- distributed according specialization, gender and the degree to be obtained.

| Percentage | The total number of staff members | Grand total | Total |   | Degree to be obtained |   |          |   |         |   |      |   | Specialization | Ser.               |    |          |
|------------|-----------------------------------|-------------|-------|---|-----------------------|---|----------|---|---------|---|------|---|----------------|--------------------|----|----------|
|            |                                   |             |       |   | Other                 |   | Language |   | Masters |   | PH D |   |                |                    |    |          |
|            |                                   |             | F     | M | F                     | M | F        | M | F       | M | F    | M |                |                    | F  | M        |
| 7:1        | 7                                 | 1           | 1     | 0 | 0                     | 0 | 0        | 0 | 1       | 0 | 0    | 0 | Internal       | Physical Chemistry | .1 |          |
|            |                                   |             | 0     | 0 | 0                     | 0 | 0        | 0 | 0       | 0 | 0    | 0 | 0              |                    |    | External |
| 7:1        | 7                                 | 1           | 0     | 0 | 0                     | 0 | 0        | 0 | 0       | 0 | 0    | 0 | Internal       | Chemistry          | .2 |          |
|            |                                   |             | 1     | 0 | 0                     | 0 | 1        | 0 | 0       | 0 | 0    | 0 | 0              |                    |    | External |
|            |                                   |             | 0     | 0 | 0                     | 0 | 0        | 0 | 0       | 0 | 0    | 0 | 0              |                    |    | External |

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Table (4-3): Training program aiming at the chemistry department

| Percentage | Total number of staff members | Total | Overseas |   | The country level |   | University level |   | Faculty level |   | Department level |   | Event type       | Ser. |
|------------|-------------------------------|-------|----------|---|-------------------|---|------------------|---|---------------|---|------------------|---|------------------|------|
|            |                               |       | F        | M | F                 | M | F                | M | F             | M | F                | M |                  |      |
| 12:3       | 12                            | 3     | 0        | 0 | 0                 | 0 | 0                | 0 | 1             | 0 | 2                | 0 | Training courses | .1   |
| 12:4       | 12                            | 4     | 0        | 0 | 0                 | 0 | 0                | 0 | 4             | 0 | 0                | 0 | General lectures | .2   |
| 12:3       | 12                            | 3     | 0        | 0 | 0                 | 0 | 0                | 0 | 1             | 0 | 2                | 0 | Workshops        | .3   |
| 12:6       | 12                            | 6     | 0        | 0 | 2                 | 0 | 0                | 0 | 4             | 0 | 0                | 0 | Seminars         | .4   |

Table (4-4): Training programs aiming at developing the administrative staff

| Percentage | Total number of administrative staff | Total | Overseas |   | The country level |   | University level |   | Faculty level |   | Department level |   | Event type       | Ser. |
|------------|--------------------------------------|-------|----------|---|-------------------|---|------------------|---|---------------|---|------------------|---|------------------|------|
|            |                                      |       | F        | M | F                 | M | F                | M | F             | M | F                | M |                  |      |
| 4:15       | 4                                    | 15    | 0        | 0 | 0                 | 0 | 2                | 0 | 13            | 0 | 0                | 0 | Training courses | .1   |
| 0          | 0                                    | 0     | 0        | 0 | 0                 | 0 | 0                | 0 | 0             | 0 | 0                | 0 | General lectures | .2   |
| 0          | 0                                    | 0     | 0        | 0 | 0                 | 0 | 0                | 0 | 0             | 0 | 0                | 0 | Workshops        | .3   |



|   |      |   |   |  |                   |   |   |
|---|------|---|---|--|-------------------|---|---|
|   |      |   |   | Al-Khateeb   |                   |   |   |
| <i>Separation Science and Technology</i> , 49: 1–7, 2014<br>Copyright © Taylor & Francis Group, LLC | 2014 | √ | - | Dr. Muhammad Sungoq<br>Dr. Bassaam Al-asoud<br>Dr. Yahia Ad-Daqs | Ms. AmnahShetweey | Solvent Extraction of Li+ using Organophosphorus Ligands in the Presence of Ammonia   | ٢ |
| -   | 2014 |   | √ | -  | Dr. NawalMahjoub  | Spectroscopic Determination Of Some Trace Elements as Pollutants in Fruits Dates Palm and Agricultural Soils at Zulifi Province (Saudi Arabia ) | ٣ |

Table (5-2): Past & current funded researches according to the **granting organization** for the academic year 1434-1435 H

| Date research started | Implementation |      | Granting organization | Participants | Researcher Name | Research Name | Ser . |
|-----------------------|----------------|------|-----------------------|--------------|-----------------|---------------|-------|
|                       | Proceeding     | Done |                       |              |                 |               |       |
| -                     | -              | -    | -                     | -            | -               | -             | ١     |
| -                     | -              | -    | -                     | -            | -               | -             | ٢     |

Table (5-3): Books (written & translated) for the academic year 1434-1435 H

| Publisher                   | Publication date | Type        |             | Participants       | Author's / Interpreter's name | Book name      | Ser . |
|-----------------------------|------------------|-------------|-------------|--------------------|-------------------------------|----------------|-------|
|                             |                  | Translation | Composition |                    |                               |                |       |
| Al-Motanaby Bookshop-Dammam | 1435             | -           | √           | Dr. Gehan Al-Eairy | Dr. Gehan Al-Eairy            | Bio- Chemistry | ١     |

Table (5-4): The development of scientific and research activities during the past

four years

| Annual rate | Total | The total number by the end of the year |         |         |         | Type of research           |
|-------------|-------|---|---------|---------|---------|----------------------------|
|             |       | 1434/35                                 | 1433-34 | 1433/32 | 1432/31 |                            |
| 75          | 3     | 0                                       | 1       | 1       | 1       | Funded Researches          |
| 50          | 2     | 2                                       | 0       | 0       | 0       | Non Funded Researches      |
| 25          | 1     | 1                                       | 0       | 0       | 0       | Published books            |
| 0           | 0     | 0                                       | 0       | 0       | 0       | Published translated books |
| %100        | 4     | 1                                       | 1       | 1       | 1       | Total                      |

Table (5-5): Scientific awards & patents for the academic year 1434/1435 H

| Topic | Type   |       | Granting organization | Participants | Staff member name | Ser . |
|-------|--------|-------|-----------------------|--------------|-------------------|-------|
|       | Patent | Award |                       |              |                   |       |
| -     | -      | -     | -                     | -            | -                 | ١     |
| -     | -      | -     | -                     | -            | -                 | ٢     |

## Chapter Six: Community Service

Table (6-1): Community service programs & courses for the department students for the academic year 1434/1435 H

| Number of beneficiaries | Period | Date  | Programs/course name                                       | Ser . |
|-------------------------|--------|---|--|-------|
| 30                      | 2      | 1st week, 1st academic term & 2nd academic term | Safety and Security  | ١     |
| 70                      | 2      | 24-1-1434<br>8-6-1435                           | Computer applications in chemistry- Chem Sketch program    | ٢     |
| 30                      | 1      | 23-1-1435                                       | Identifying safety and security tools and their importance | ٣     |
| 30                      | 1      | 26-1-1435                                       | Different lab hazards                                      | ٤     |
| 30                      | 1      | 29-1-1435                                       | Training in first aid                                      | ٥     |

Table (6-2): Community service programs & courses for staff members for the academic year 1434-1435 H

| Number of beneficiaries | Period | Date       | Programs/course name                                       | Ser . |
|-------------------------|--------|------------|--|-------|
| 20                      | 1      | 24-1-1434  | Computer applications in chemistry- Chem Sketch program    | .١    |
| 20                      | 1      | 22-12-1434 | Identifying safety and security tools and their importance | .٢    |

Table (6-3):Community service programs & courses for the administrative staff for the academic year 1434-1435 H

| Number of beneficiaries | Period  | Date       | Programs/course name                                | Ser . |
|-------------------------|---------|------------|---|-------|
| 50                      | One day | 20-1-1435  | Safety and security & how to use fire extinguishers | .١    |
| 30                      | One day | 27-10-1433 | Accuracy in preparation means quality in results    | .٢    |

Table (6-4):Community service programs & courses for the community for the academic year 1434-1435 H

| Targeted organization     | Number of beneficiaries | Period  | Date       | Programs/course name   | Ser . |
|---------------------------|-------------------------|---------|------------|--|-------|
| Government schools, Zulfi | 100                     | One day | 17-1-1435  | Safety & security training programs targeting schools delivered by staff members | .١    |
| Government schools, Zulfi | 100                     | One day | 22-12-1435 | Training programs on nutrition delivered by the department students              | .٢    |
| Government schools, Zulfi | 20                      | One day | 25-12-1434 | The department students' meeting with secondary school teachers                  | .٣    |

Table (6-5): The total number of community service training courses& programs for the academic year 1434-1435 H.

| Percentage | Number of beneficiaries | Period | Number of programs | Targeted category | Ser . |
|------------|-------------------------|--------|--------------------|-------------------|-------|
| 190:5      | 190                     | 7      | 5                  | Students          | .١    |
| 40:2       | 40                      | 2      | 2                  | Faculty           | .٢    |
| 15:2       | 15                      | 2      | 2                  | Administrators    | .٣    |
| 220:3      | 220                     | 3      | 3                  | Community         | .٤    |
| -          | -                       | -      | -                  | Others            | .٥    |

Table (6-7): Classification of the community service programs according to the type of service for the academic year 1434-1435 H.

| Number of beneficiaries | Category of beneficiaries | Number | Service type           | Ser . |
|-------------------------|---------------------------|--------|------------------------|-------|
| -                       | -                         | -      | Orientation diplomas   | .١    |
| 100                     | Faculty & students        | 2      | Training courses       | .٢    |
| -                       | -                         | -      | Conferences            | .٣    |
| -                       | -                         | -      | Lectures               | .٤    |
| -                       | -                         | -      | Seminars               | .٥    |
| 300                     | Students & community      | 1      | Scientific Exhibitions | .٦    |
| 150                     | Students & community      | 2      | Workshops              | .٧    |
| -                       | -                         | -      | Dawaa services         | .٨    |
| -                       | -                         | -      | Others (Clarify)       | .٩    |

## Chapter Seven: Administrative & Financial affairs

Table (7-1): Numbers of appointed employees, promoted and ... for the academic year 1434-1435 H.

| ت.س.ف.ب | Promotion | Appointment | Nationality | Gender | Occupational title | Name                            | Ser . |
|---------|-----------|-------------|-------------|--------|--------------------|---------------------------------|-------|
| 0       | 0         | √           | Saudi       | Female | Data entry         | Lulu Abdullah Al-Garllah        | .١    |
| 0       | 0         | √           | Saudi       | Female | Clerk              | Noura Sweed Ad-Dossary          | .٢    |
| 0       | 0         | √           | Saudi       | Female | Clerk              | Mezna Abdul-Razeq Abd-el-Karim  | .٣    |
| 0       | 0         | √           | Saudi       | Female | Clerk              | Iman Hmoud Al-Melhem            | .٤    |
| 0       | 0         | √           | Saudi       | Female | Lab Technician     | Badriya Ali Ash-Sheia           | .٥    |
| 0       | 0         | √           | Saudi       | Female | Lab Technician     | Bayan At-Tayyar                 | .٦    |
| 0       | 0         | √           | Saudi       | Female | Lab Technician     | Noura Soliman Athbeity          | .٧    |
| 0       | 0         | √           | Saudi       | Female | Lab Technician     | Zeinab Khalifa As-Sweetet       | .٨    |
| 0       | 0         | √           | Saudi       | Female | Lab Technician     | Ashwaaq Abdul-Rahman Al-Ettaiwy | .٩    |
| 0       | 0         | 9           | -           | Female | 9                  | Total                           |       |

Table(7-2):The distribution of administrators and technicians according to the qualification for the academic year 1434-1435 H

| Number | Occupational title | Gender | Qualification       | Ser. |
|--------|--------------------|--------|---------------------|------|
| -      | -                  | Male   | Bachelor's degree   | .١   |
| -      | -                  |        |                     |      |
| 1      | Data Entry         | Female |                     |      |
| 5      | Technician sLab    |        |                     |      |
| 3      | Clerk              |        |                     |      |
| -      | -                  | Male   | Diploma             | .٢   |
| -      | -                  |        |                     |      |
| -      | -                  | Female |                     |      |
| -      | -                  |        |                     |      |
| -      | -                  | Male   | Secondary School    | .٣   |
| -      | -                  |        |                     |      |
| -      | -                  | Female |                     |      |
| -      | -                  |        |                     |      |
| -      | -                  | Male   | Intermediate School | .٤   |
| -      | -                  |        |                     |      |
| -      | -                  | Female |                     |      |
| -      | -                  |        |                     |      |
| -      | -                  | Male   | Other (mention)     | .٥   |
| -      | -                  |        |                     |      |
| -      | -                  | Female |                     |      |

## Chapter Eight: Achievements & Obstacles/Drawbacks

Table (8-1): The students' competence upgrading and performance improvement indicators with reasons of achievement or obstacles/drawbacks for the academic year 1434-1435 H

| Obstacles/drawbacks | Reasons   | Not achieved | Achieved | Indicator   | Ser. |
|---------------------|---|--------------|----------|---|------|
| -                   | As new programs started, fewer students joined the chemistry department | -            |          | Improvement in the annual accumulative rate of the students | .١   |
| -                   | Enhancing the students' services, e.g. (cafeterias, stationery, etc.    |              | Yes      | Improvement in the students' services and activities        | .٢   |
| -                   | -   | -            |          | زيادة معدل الطالب من الإنفاق                                | .٣   |



Table (8-1): The staff members' competence upgrading and performance improvement indicators with reasons of achievement or **obstacles/drawbacks** for the academic year 1434-1435 H

| <b>Obstacles/drawbacks</b>   | <b>Reasons</b>  | <b>Not achieved</b> | <b>Achieved</b> | <b>Indicator</b>  | <b>Se r.</b> |
|--|---|---------------------|-----------------|---|--------------|
| There has to be two staff members at least in each specialization. | (For a shift to the credit hours system)An increase in the staff members' number to meet the increase in the sections number is required. | -                   | Yes             | Improvement in the staff members annual rate                                    | ١            |
| There has to be two staff members at least in each specialization. | (For a shift to the credit hours system)An increase in the staff members' number to meet the increase in the sections number is required  | -                   | Yes             | Improvement in the academic pyramid of the staff members                        | ٢            |
| -  | Demonstrators are not counted while calculating the percentage.   | √                   | -               | Improvement in the staff members' teaching load.                                | ٣            |
| -  | The department interest in the academic accreditation- thus; it is competing.   | -                   | Yes             | An improvement in the annual rate of staff members' appointments and promotions | ٤            |
| -  | Under the umbrella of   | -                   | Yes             | An improvement in the scholarships, training and                                | ٥            |

|   |   |   |   |   |  |
|---|---|---|---|---|--|
|   | the nation improvement and university improvement |   |   | promotions of staff members   |  |
| - |   | √ | - | Improvement in the number of Saudi staff members and their promotions |  |

Table (8-3): The development of the educational process indicators with reasons for accomplishment and drawbacks for the academic year 1434-1435 H

| Drawbacks | Reasons  | Not achieved | Achieved | Indicator  | Se r. |
|-----------|--|--------------|----------|--|-------|
| -         | Improving the quality of education, developing a new plan that led to providing effective programs aiming at orienting and training staff members – especially new ones. | -            | Yes      | Development of educational curricula                           | ١     |
| -         | The availability of smart boards and training in how to use them.  | -            | Yes      | The effective use of new techniques in the educational process |       |
| -         | Developing websites for the department and for the faculty   | -            | Yes      | Electronic communications with the students                    | ٢     |
| -         | Using effective methods to evaluate courses, teaching and surveying  | -            | Yes      | Developing electronic questionnaires for the students          | ٣     |

|   |   |   |     |   |   |
|---|---|---|-----|---|---|
|   | students' opinions                                |   |     |   |   |
| - | Coping with developments in the educational field | - | Yes | Training students in the educational electronic system: Desire to learn-D2L | ٤ |

Table (8-4): The development of the working cadre indicators with reasons for accomplishment and drawbacks for the academic year 1434-1435 H

| Drawbacks | Reasons   | Not achieved | Achieved | Indicator   | Ser. |
|-----------|---|--------------|----------|---|------|
| -         | An increase in the staff numbers due to the shift from the years system to the levels system                | -            | Yes      | Competence in the increasing number of the work labor                     | ١    |
| -         | To prepare national cadres so as to replace expatriates   | -            | Yes      | Competence in the development of the work labor training and scholarships | ٢    |
| -         | To prepare national cadres and increasing the numbers of graduates and getting them employed at the faculty | -            | Yes      | Competence of the nationalization program as to the administrative jobs   | ٣    |

Table (8-5): The most important achievements at the department for the school year 1434-1435 H

| Desired outcomes   | Number of beneficiaries | Person in charge | Achievement                       | Ser. |
|--------------------|-------------------------|------------------|-----------------------------------|------|
| Application of the | 250                     | The chemistry    | 4 <sup>th</sup> place (university | ١    |

|  |      |                          |   |         |
|--|------|--------------------------|---|---------|
| quality concept  |      | department               | level) in the project of " Programs readiness for accreditation"        |         |
| The students To reach a distinguished scientific level | 200  | The faculty              | Maintenance of all chemistry labs & providing safety and security means | .٢      |
| Getting externally accredited                          | 1000 | The chemistry department | Applying for external accreditation                                     |         |
| Development  | 200  | Staff members            | Community service programs  |         |
| -  | 200  | Staff members            | Staff members participation in judging researches (The Kingdom Level)   | .٣      |
| -  | 10   | Staff members            | Participation at conferences  | .٤      |
| The Master's degree                                    | 2    | The chemistry department | Two demonstrators are on scholarships (Masters)                         | .٥      |
| The Bachelor's degree                                  | 47   | The chemistry department | 47 graduate students  | .٦      |
| -  | 1909 | -                        | 8   | المجموع |

Table (8-6): The most prominent obstacles and suggested solutions to overcome them

| Suggested solutions to overcome obstacles                                     | Solutions (implemented) | The effect of the obstacle                                | Obstacles   | Ser. |
|---|-------------------------|---|---|------|
| Constructing a library for the department as well as labs.                    | No actions were taken.  | It is greatly influential.                                | Learning resources are not enough due to the few numbers of labs and a department library is not there. | .١   |
| Designing placement tests and holding interviews for newly enrolled students. | Not implemented.        | Underachievement of some students.                        | Underachievement of some students.  |      |
| Providing apparatus   | —                       | Working in groups   | The unavailability of apparatus in the labs.  | .٢   |
| Starting a higher studies program at the department                           | —                       | Gradates register for higher studies programs quite later | No higher studies programs  | .٣   |
| Developing data   | —                       | To a great extent   | The unavailability of   | .٤   |

|       |   |   |   |       |
|-------|---|---|---|-------|
| bases |   |   | electronic data bases,<br>research material and<br>scientific journals<br>relevant to the<br>program. |       |
| -     | - | - | 5   | Total |