Pharmaceutical Analytical Chemistry Department

Physical & Inorganic Chemistry Course

Best Projects Teams

Activity Topics

Sodium bicarbonate (Baking soda)

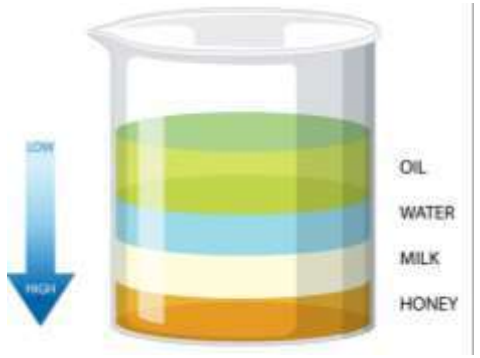
Natural pH indicators

Hydrogen peroxide

Citric acid

Density of liquids

Iodine



Section 1

Best Groups

Section 2

Best Groups

Section 3

Best Groups

Section 4

Best Groups

Section 6

Best Groups

BEST
OF THE
BEST

Iodine

- Rana Amr Soney
- Hagar Essam Sobhy
- Salma Ibrahim Mahfouz
- Salma Badr Abbas

Citric acid

- Sara Ayman Melad
- Jessy Ayman Amgad
- Elvina Raef Aziz
- Mirna Tito Mikhail
- Alaa Ali Mohamed
- Eman Mohamed Aloush
- Shimaa Mohamed Hamed

Elephant toothpaste

- Mohamed Ashraf Abd El-Aleem
- Ali Mohamed Ali
- Omar Tharwat Ibrahim
- Ahmed Magdy Gharib
- Mahmoud El-Sayed Mahmoud
- Tarek Sabry Gamil
- Philopateer Botros Mikhail
- Mark Amgad Hosny

Iodine

- Omar El-Sayed Salama
- Sobhy Mohamed Sobhy
- Mohamed Shaker Ali
- Abd El-Rahman Mohamed Wagih
- Taha Wael Mohamed
- Amr Wael Mohamed

Iodine

- Sara Abd El-Rahman Taher
- Alaa Omar Hassan
- Ola Osama Babaker
- Abd El-Rahim Ahmed Abd El-Rahim
- Abd El-Rahman Tarek Al-Kady
- Abrar Abd El-Hady Ismail

Hydrogen peroxide

- Mohamed Bassam Al-Masry
- George Gamil Adib
- Omar Tamer Ahmed
- Seif Saleh Selim
- Ali Hassan Abd El-Wahab

Hydrogen peroxide

- Tarek Abd El-Wahab Ahmed
- Mostafa Ayman Kamel
- Mahmoud Hamdy Nasr El-Din
- Khaled Yasser Mahmoud
- Mohamed Taher El-Sayed
- Mohamed Walid Fawzy
- Malak Saleh Abd El-Aziz
- Shimaa Ahmed Mahmoud
- Samar Mohamed Mahmoud

Well done

Pharmaceutical Analytical Chemistry Department

Physical & Inorganic Chemistry Course

Students Achieving Highest Marks in the Midterm Exam

Pharmaceutical Analytical Chemistry Department

Physical & Inorganic Chemistry Course

Students Achieving Highest Marks in the Midterm Exam

- Basmla Mohamed El-Said
- Rawan Ahmed Mohamed
- Rawan Amr Ibrahim
- Sara Ayman Melad
- Abd El-Rahman Mohamed Mahmoud
- Philopateer Botros Mikhail
- Caroline Sameh Makram
- Mark Amgad Hosny

Pharmaceutical Analytical Chemistry Department

Physical & Inorganic Chemistry Course

Students Achieving Highest Marks in the Midterm Exam

- Marina Ramzy AwadAllah
- Maible Sameh Abdalllah
- Marwan Ahmed Abd El-salam
- Mirna Tito Mikhail
- Noha Mahmoud Fawzy
- Nourhan Ahmed Abd El-salam
- Kirolos Tamer Waheeb
- Ebram Micheal Momtaz
- Youssef Mounir Ramzy

Pharmaceutical Analytical Chemistry Department

Physical & Inorganic Chemistry Course

Students Achieving Highest Marks in the Final exam 2024-2025

Pharmaceutical Analytical Chemistry Department

Physical & Inorganic Chemistry Course

Students Achieving Highest Marks in the Final exam 2024-2025

- Judy Walid Mohamed

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Best Projects Teams (Class 2030)

Activity Topics

Redox reactions in forensic analysis

Redox reactions in detection of alcohol intake by drivers

Applications of redox reactions in water treatment (remediation)

Evaluation of Chlorination of public water supply

Heavy metals elimination from water

Water crises and desalination as a solution to water shortage

Redox theory of food spoilage

Redox theory of lightening of hair color

Redox reactions in photography

Redox reactions in cellular respiration

Redox reactions in Food Spoilage

Section 1:

- Arwa Amr Mohamed
- Amna Mohamed Mohamed Al-Sayed
- Omnia Mohamed Ebrahim
- Amina Al-Sayed Ahmed
- Esraa AL-Sayed Ahmed
- Asmaa Ehab Mohamed

Heavy metals elimination from water

Section 2:

- Jana Hany
- Jana Ayman Abd- elazeem
- Joliana Dawood Nasr
- Josiana Mina
- Jana Rabea
- Reem Hany Abd-ellateef
- Khalid Sherif Mohamed
- Khaled EidAbd-elmegeed

Redox reactions in forensic analysis

Section 3:

- Roaa Nabil Salem
- Roaa Hamad
- Reham Mohamed
- Rana Salah Salem
- Reem Ahmed
- Radwa Esam
- Radwa Hamada

Redox reactions in detection of alcohol intake by drivers (Breathalyzer)

Section 4:

- Shahd Mohamed Al-Hawy
- Shahd Mohamed Al-Zeny
- Abd-Elrahman Mohamed
- Abdllah Ashraf Morad
- Abd-ElHameed saeed
- Salah Ashraf

Redox theory of lightening of hair color

Section 5:

- Shahd Emad Ahmed
- Fayrouz El-sayed Ramadan
- Farah Hesham Mohamed
- Karen Ayman
- Marian Nady
- Viola Fawaz
- Logana Hany
- Marina Marqos

Redox reactions in detection of alcohol intake by drivers (Breathalyzer)

Section 6:

- Mawada Ebada Mohamed
- Miryam Milad Sobhy
- Mohrael Adel Adly
- Nada Ahmed Tohamy
- Menna Allah Abdelrahman
- Malak Mohamed El-Sayed
- Nada Abdel Hakim Abdelreheem

Redox reactions in photography

Section 7:

- Amina Rabea Ramadan
- Habiba Reda Al-bendary
- Naira Nashaat
- Esraa Ali Ahmed
- Farida Ahmed Mohamed
- Nada Abdel Naser
- Nour Mohamed Maher

Redox reactions in Food Spoilage

Section 8:

- Nathalie Wahid
- Hana Khaled
- Basma Feras
- Nourhan Yasser
- Jomana Ahmed
- Dana Osama
- Sarah Baraka

Redox reactions in forensic analysis

Section 9:

- Ayman Saif Mohamed
- Mohamed Alfateh Ahmed
- Abdullah Aboud Hassan
- Osama Ali Noor
- Mostafa Sedeek Ahmed
- Renad Mohmoud Mahmoud
- Asmaa Mohamed Mahmoud
- Mohamed Babakr Abakar

Well done

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving Full Marks in the Midterm

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving Full Marks in the Midterm

- Esraa El-Sayed Ahmed
- Alaa Mohamed Ahmed
- Parthinia Raaef Aziz
- Basmla Osman Talb
- Taeseer Ezzat Fahmy
- Jana Aymn Abd-Alazim
- Jana Hany Abd-Allatif
- Joudy Mostafa Salah

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving Full Marks in the Midterm

- Joudy Walid Mohamed
- Habiba Mohamed El-Sayed
- Rana Salah Salem
- Rana Mohamed Abd-Alghany
- Zyad Ahmed Mahmoud
- Sohaa Talaat Abd-Alhalim
- Abdallah Ashraf Mourad
- Omar Maged Hamdy

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving Full Marks in the Midterm

- Fayrouz El-Sayed Ramdan
- Marian Nady Fahmy
- Mariam Nasser Abd-Alrahman
- Malak Mahmoud Sayed
- Malak Walid Mohamed
- Malak Yasser Talb
- Menna Omar Saiid
- Mwada Ebada Mohamed

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving Full Marks in the Midterm

- Nourhan Nady Saad
- Hager Gamal Ali
- Hadeer Mahmoud Abd-Alhamid
- Yasmine Mahmoud Youssef
- Samaa Amer Mokhtar
- Esraa Ali Ahmed
- Amina Rabie Ramdan
- Hoda Mamdoh Mortgie
- Farah Hesham

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving the highest Marks in the Final Exam 2024/2025

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry II Course

Students Achieving the highest Marks in the Final Exam 2024/2025

- Fatma Al-Zahraa Hesham Al-Sayed
- Hoor Nasser Hamed
- Abdelrahman Abdelmaqsoud Abdelrahman

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Best Projects Teams (2025-2026)

Activity Topics

- UV-Visible Spectrophotometer
- Spectrofluorimeter
- Atomic Absorption Spectrometer
- Atomic emission Spectrometer
- High performance liquid chromatography
- Gas Chromatography
- High performance thin layer chromatography

Activity Ideas

Forensic investigation ☐

Shark Tank

A fictional error in a pharmaceutical lab, leading to a drug recall

Historical scientist talk show

Meet the Instrument animated video

Best groups

Best groups

BEST
OF THE
BEST

HPLC

- Natalie Wahid
- Sara Rajai
- Daniella zakkaria
- Dana Osama
- Jomana Ahmed
- Norhan Yasser
- Basma Feras

HPLC

- Rowayda Ali
- Sama Medhat
- Rahma Abdelmonem
- Rokia Diaa
- Salma Ashraf
- Selvana nashaat
- Mohrael Adel

UV-VIS Spectrophotometer

-Shahd Mohamed Elhawy
-Shahd Mohamed Elziny
-Shahd Ahmed Awad
-Shahd Sameh Saber
-Abdelhamid Saeed
-Abdelrahman mohamed ali
-Abdelrahman Mohamed Awad
-Abdallah Ashraf Mourad

Well done

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Full Marks in the Midterm

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Full Marks in the Midterm

- Ahmed Mohamed Abdelbaset
- Amany Mohamed Zaki
- Amir Raafat Sadek
- Amira Elsayed Ezzat
- Angham Attia Amin
- Eman Mohamed Hamed
- Jana Ayman Abdelazim
- Jana Ehab Abdelmonem
- Jana Hany Abdellatif
- Jody Mostafa Salah
- Hanin Abdelwahab

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Full Marks in the Midterm

- Rahma Abdelmonem
- Rana Salah Salem
- Zyad Ahmed Mahmoud
- Soha Talaat Abdelhalim
- Seif Saeed Ibrahim
- Shahd Ahmed Awad
- Abdallah Ashraf Mourad
- Fagr Zeyad Ahmed
- Karen Ayman Sami
- Mariam Ahmed Farag
- Mariam Mohamed Abdelrahman

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Full Marks in the Midterm

- Malak Mohamed Elsayed
- Menna Elsayed Mohamed
- Menna Mazayat Mohamed
- Menna Omar Saeed
- Mawada Abada Mohamed
- Moamen Abdel-Aziz Abdo
- Miryam Milad Sobhi
- Nada Hesham Gamil
- Nour Mohamed Maher
- Nourhan Ahmed Mohammed
- Nourhan Nady Saad

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Full Marks in the Midterm

- Hagar Gamal Ali
- Hadeer Mahmoud Abdelhamid
- Abdelrahman Amin
- Natalie Wahid Fayez
- Jomana Ahmed Helmy
- Hoda Mamdoh Mohamed
- Rahma Abdlmohsen Ali
- Mona Bilal Saeed
- Thuraya Ahmed Radwan

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Highest Marks Last Year

Pharmaceutical Analytical Chemistry Department

Instrumental Analysis Course

Students Achieving Highest Marks Last Year

Spring semester(2024-2025)

- Youstina Wael Nady
- Mahmoud Sherif Abbas

Quality Control of Pharmaceuticals students' activity

Best Presentations 2026

A research paper presented as a PPT presentation

- Each group will search for a research paper discussing an analytical method to analyze their assigned drug
- The analysis method can be spectrophotometric, chromatographic or electrochemical……etc
- The article should be published in a reputable journal of reasonable impact factor (IF)
- The method of analysis must be applied for the drug in its pharmaceutical formulation or biological matrices

✓ Each group consists of ***6-7 students***.

✓ You have 10-15 min to present your work

COMPETITION

Honoured groups

Honoured groups

Methods of analysis of Antibiotics

Honoured groups

Methods of analysis of Antibiotics

Group members:

1. Shahd Mahmoud Hakem
2. Shereen Ayman
3. Shahd Tamer
4. Sohila Saleh
5. Rana Mohamed Aboelela

Honoured groups

Methods of analysis of GIT Drugs

Honoured groups

Methods of analysis of GIT Drugs.

Group members:

1. Hebatuallah Nagy
2. Malak Mohamed Ezz-Eldin
3. Mariam Mohamed Kashef
4. Malak Sameh
5. Nouran Tarek
6. Ganna Adel
7. Raghad Hossam

Honoured groups

Methods of analysis of Analgesics.

Honoured groups

Methods of analysis of Analgesics.

Group members:

1. Mohamed Salah
2. Shenoda Lotfy
3. Shahd Yasser
4. Abdelrahman Adel Hassan
5. Alia Bahaa
6. Abdallah Samir

THANK
YOU

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Best Projects Teams (Class 2030)

Activity Topics

Volumetric analysis of an active ingredient in dosage form.

Volumetric analysis of a compound in an environmental sample.

BEST
OF THE
BEST

Quantitative analysis for determination of Ibuprofen

- Raneem Kareem
- Roaa Tarek Said
- Sollaf Mohammed
- Sohaila Sameh
- Jana Hossam
- Basmala Mohamed
- Tasnim Ibrahim

Quantitative analysis for determination of Diclofenac Potassium

- Login Ibrahim
- Karma Mohamed
- Farah Hazem
- Fatma Mohamed
- Fatma Taher
- Doha Mohamed

Quantitative analysis for determination of Ibuprofen

- George Gamil Adib
- Makarious Saleeb
- Yousif Mounir Ramzy
- Ebram Michael
- Rana Mustafa Abd-Elaziz
- Maisam Hatem Mohammed

Quantitative analysis for determination of Citric acid

- Ola Osama Babekr
- Alaa Omar Hassan
- Abd-Elrahman Tarek
- Abd-Elrheem Ahmed
- Marwan Adel

Well done

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Students Achieving Full Marks in the Midterm

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Students Achieving Full Marks in the Midterm

- Mona Belal Said
- Alaa Nasr Soliman
- Rahma Ali Mohamed
- Rawan Amr Ibrahim
- Sarah Ayman Milad
- Samaa Anwar Hassan
- Sohaila Sameh Karam
- Sollaf Mohamed Mounir

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Students Achieving Full Marks in the Midterm

- Ali Mohamed Ali
- Ammar Yasser Ahmed
- Amr Wael Mohamed
- Farah Hazem Mohamed
- Philopateer Botros Mikhail
- Caroline Sameh Makram
- Karma Mohamed Mousa
- Login Ibrahim Youssef

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Students Achieving Full Marks in the Midterm

- Mark Amgad Hossni
- Marina Ramzy Awadallah
- Maybel Sameh Abdullah
- Mohamed Ashraf Abd-Elalim
- Mohamed Ayman Abd-Elhamid
- Mariam Ahmed Abu-Bakr
- Menatallah Ahmed Mostafa
- Mirna Tito Mikhail

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Students Achieving Full Marks in the Midterm

- Wessam Asaad Mohamed
- Kirollos Tamer Waheeb
- George Gamil Adib
- Ebraam Michael Momtaz
- Enolla Ayman Ibrahim
- Youssef Mounir Ramzy
- Aya Sayed Ahmed
- Florina Nagy Issa

Well done

Pharmaceutical Analytical Chemistry Department

Analytical Chemistry I Course

Students Achieving the highest Marks in the final exam 2024/2025

- Ziad Ahmed Mohamed Abd-Elalim
- Dana Osama El-Emam
- Jana Ayman Abd-Elazeem Younis