

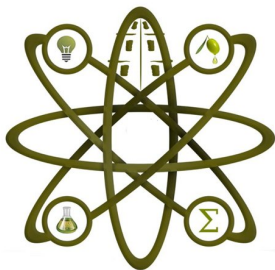
Annual Report

١٤٤٠-٢٠١٩ م - 2020-2019



جامعة الجوف
Jouf University

رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



كلية العلوم
College of Science









Custodian of the Two Holy Mosques

"King Salman bin Abdulaziz Al Saud"

King of Saudi Arabia



His Royal Highness Prince

"Mohammed bin Salman bin Abdulaziz Al Saud"

Crown Prince, Deputy Prime Minister and Minister of Defense



His Royal Highness

"Prince Faisal bin Nawaf bin Abdulaziz Al Saud"

Governor of Al Jouf Region



His Royal Highness

" Prince Abdulaziz bin Fahad bin Turki bin Abdulaziz "

Deputy Governor of Al Jouf Region



His Excellency

"Dr. Hamad bin Mohammed Al Sheikh"

The Minister of Education



His Excellency

"Prof. Mohammed bin Abdullah Alshaya"

The Rector of Jouf University

The Dean's Speech

Praise be to Allah the Lord of the worlds, and the blessings and peace of Allah be upon the most honored of messengers our master Muhammad and upon all his family and companion, after that.

This academic year is exceptional not for the College of Science but for Al-Jouf University and all universities and education sectors in our precious kingdom due to the Corona pandemic that has engulfed the world.



Despite this pandemic, College of Sciences, like the rest of the university's colleges - was able to rapidly transform distance learning and completed the second semester, completing the education of all courses as well as its distance tests successfully and efficiently.

This pandemic did not prevent the college from advancing in achieving its objectives as outlined in its strategic plan, as the work was continuing without tiredness or boredom. The actual study began in four master's programs: Master of Science in Mathematics, Master of Science in Chemistry, Master of Science in Physics and Master of Science in Microbiology, which was attended by approximately 72 students. God willing next year, the study will begin in the two master's programs in zoology as well as botany, to complete the activation of six master's programs that will contribute, God willing, to increase the mobility in scientific research and publishing.

A number of research groups have been activated in various departments, and scientific publishing has increased this year compared to previous years in quantity and quality. Most of the research conducted in the college was published in journals classified in ISI databases with a high impact factor. This report will appear the production and contributions of these groups and members of the college in scientific publishing and arbitration of scientific theses.

Finally, I would like to thank the President of the University for his Support and follow-up, and my thanks go to the Vice-Presidents of the University and to the Vice Dean of Science and to the, Department Coordinators, Supervisors, faculty members, employees and students who contributed to the college's successes. I thank the Report preparation committee and everyone who participated in its preparation and distinguished production.

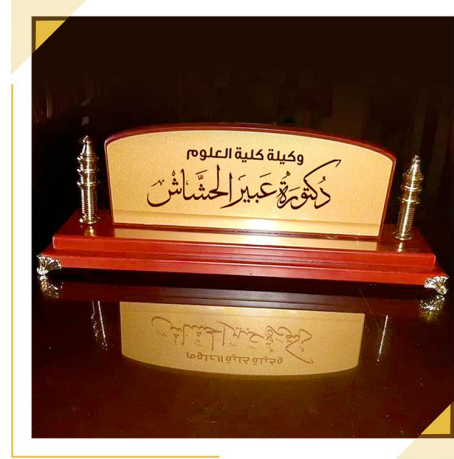
The blessings and peace of Allah be upon our master Muhammad and upon all his family and companion

College of Science Dean
Dr. Mosaed bin Saud Alhumaimess

Vice Dean's Word

In the name of Allah, Peace and blessings be upon the Messenger of Allah, we thank Allah for the great growth and development of this country in all fields under the wise management of our leadership, which has been keen to present the means of growth and advancement for this country.

The developments in the College of Sciences over the educational, research and academic levels was the product of continuous support from the belief of those in this country by the importance of empowering young people in all fields and making them a stable partner in development.



The College of Science, with all its academic, administrative, and technical cadres, seeks to serve the people of this country in order to build a society based on knowledge and science.

Building an internal quality system and its development is the driving force required to effectively push the college's education system to achieve the goals and mission of the college in accordance with the requirements of the Kingdom's 2030 vision and the needs of society and the labor market, and, God willing, the college will work with all its scientific departments, administrative units, its experiences, and diligence of its members to apply the highest quality standards in accordance with the University's policy, which has drawn for itself a future map that will put it on the path of competition, God willing.

This report reflects the efforts and achievements made by the Faculty of Science in all its units, committees and academic programs in order to achieve its goals and aspirations that are commensurate with the kingdom's vision 2030 and the needs of the country and we thank those responsible for this work and all those who contributed to its achievement.

In conclusion, the College still has many aspirations and goals that will be pursued, God willing, to complete the construction in the country of giving and development, we ask God for his ability to protect our leaders and guardians, to protect our country and our people from all evils, and to make us always guided and to reform our youth to serve their religion, their homeland and their guardians, god bless them.

God grants success,

Vice- Dean of college of science
Dr. Abeer Al-Hashash



Vice Dean's Word

The Teamwork Group in the Annual Report

General supervision

Dr. Mosaed Saud Alhumaimess

Dean of the College of Science and Chairman of the Annual Report Committee

Preparation and organization

Dr. Shaimaa Mohamed Nabil Moustafa

Rapporteur

Dr. Eslam Abdeltwab El sayed Abdeltwab

Member

Dr. Rania Hosny Taha Ahmed

Member

Dr. Emam Fikry Gomaa El Agammy

Member

Dr. Ahmed Abouelmaaref

Member

Mr. Abdullah Khaled Alfalaj

Member

Thanks and appreciation

The teamwork group is grateful to all who contributed to the presentation of the data and information contained in this report

College Deanship, College vice deanship, college departments, College units, College committees, Administrative and academic staff



The features of Vision 2030 college of Science

14



17

Statistics and numbers

22

Supportive educational environment
and facilities

26

College of Science: an evolving steps to
fulfill our national vision

Chapter one Vibrant Society

33



40

National day celebrations

51

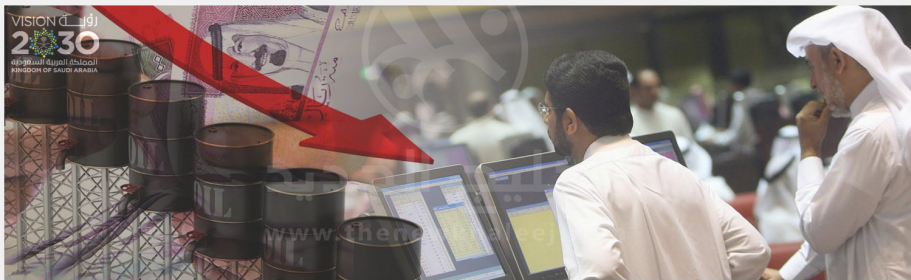
Sports achievements

58

Develop positive attitude, resilience
and hard-work culture

Chapter two: Thriving Economy

59



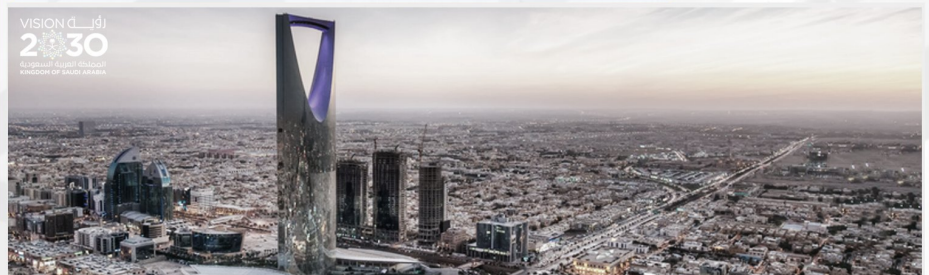
61 Build a life- long learning journey

75 Improving readiness of youth to enter the labor market

82 Nurture and support the innovation and entrepreneurship culture

Chapter three: Ambitious Nation

89



98 Strengthen communication channels with citizen & business community

103 Enable social responsibility

105 Encourage volunteering

Chapter Four: Commitment

106



109 Research commitment

136 Social commitment

143 Educational commitment

■ Genesis and development:

First Stage (1423 - 1424)

The approval of the Custodian of the Two Holy Mosques, Prime Minister – Head of the Higher Education Council, may God protect him, with honorable guidance No (7/B/20579) Issued on 3/6/1423 AH, On what was raised by the Higher Education Council at its meeting 23/3/1423 AH by approving the buildup of the College of Science in Al-Jouf region related to King Saud University.

The King Saud University Council also approved on its fifth session, held on 25/12/1423 AH the college's study plan, where study started at the College of Science in the first semester of the year 1423/1424 AH.

Second Stage (1426 - 1427)

Jouf University Constructed by Royal Order No. (6616/MB) and date of 12/5/1426 AH, after the issuance of the royal decree of naming the universities by the names of the regions and granting them independence from the parent universities, it became Jouf University instead of naming the colleges of the King Saud University branch in Al-Jouf.

The study began at the College of Science, starting from the second semester of the academic year Teaching in the College of Science 1426/1427 AH. - at that time was in a school building in section C, Graduation of the first class of the College Sakaka. - of Science and Teachers was in 1427-1428 AH.

Third Stage (1429 - 1432)

The study started at the College of Science with four study programs: Mathematics, Physics, Computer and Information Sciences, and Medical Laboratory Sciences.

The Department of Medical Laboratory Sciences was converted into a College of Applied Medical Sciences, and the Department of Computer and Information Sciences was converted into a College of Computer and Information Sciences.

The history of admission of the female students sections began, where the Departments of Mathematics, Physics and Chemistry were opened in 1429-1430 AH.

The Biology Department was opened in 1431/1432 AH, followed by the Environment Department in 1432 AH and continued until 1435 AH.

Fourth Stage (1433 - 1440)

In the year 1433 AH, the Faculty of Science was transferred as the first college in Jouf University to its building in the University City.

In the year 1433 AH, the Department of Biology of the College of Education was merged with the Department of Biology of the College of Science.

In 1435 AH, the Department of Environment was merged with the Department of Biology.

Finally, the College of Science includes four academic programs, which are the mathematics, Chemistry, Physics and Biology department Program for the Bachelor and four graduate programs.



The college vision

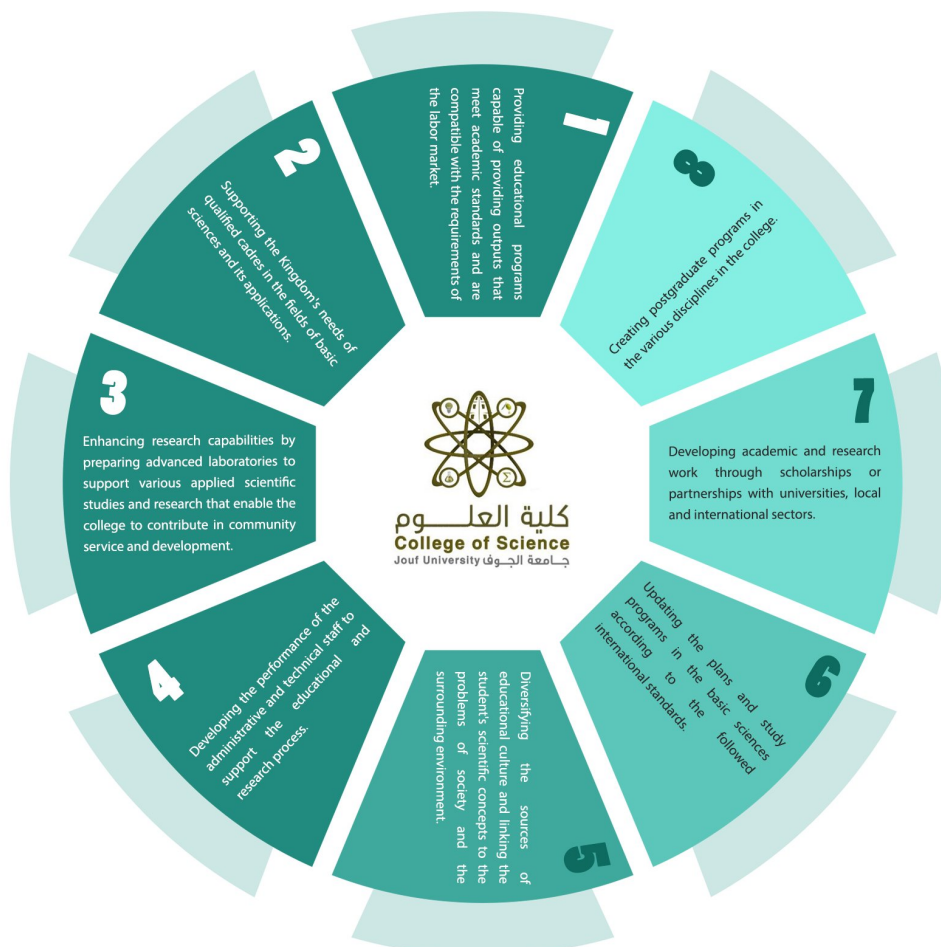
leadership, academic and research excellence in basic sciences and its applications at the global level in order to achieve the aspirations of society.

The College's Mission

To provide distinguished academic and research programs in basic sciences and their applications through a stimulating environment for scientific research and creativity to provide society with scientific knowledge and competencies that meet development requirements.

The strategic goals of the College of Science

are in line with the achievement of the National Vision 2030





Vision 2030
college of Science

- Starting actual studies with master's programs.
- Increase the participation and victory of college students in sports and cultural competitions.
- The decrease in the number of students who are unsurpassed at the college.
- The high rate of employment and participation of college graduates in graduate programs.
- Creating databases to facilitate work procedures within the college, most notably (scholarships - faculty members - scientific research).
- The high rate of publishing scientific research for college members in the classified international journals.
- Activating distance learning plan, in line with the directives of the Ministry of Education during the exceptional period of the Corona Virus pandemic.
- Providing 6,712 virtual sessions on the virtual classroom system, with a total duration of 13424 hours.

Our

commitment to education, research and society

We advance our national economy to build the future for our children



Develop talents and build the personality of our people

Presenting lectures, workshops, and awareness campaigns to inculcating principles and values and promoting national belonging

Close the gap between education outcomes and labor market requirements

Expanding professional training through cooperation with agencies that provide training opportunities for college graduates

Build an integrated educational journey

Starting with the actual study of the college's masters programs

Train and qualify graduates

Participating students expected to graduate with the achievement test and guiding students towards appropriate career and career options

Support the culture of innovation and entrepreneurship

Research sponsorship of distinguished students

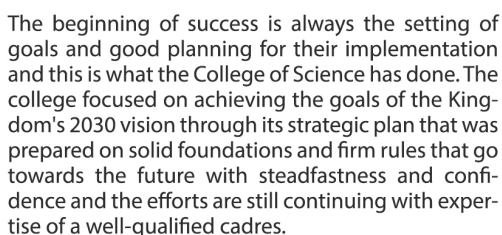
Encourage volunteerism and empower social responsibility

Opening channels of communication with the community and participating in community activities to serve the university

Research and scientific excellence

Increasing the rate of scientific research published in internationally classified journals and participation in scientific conferences and seminars



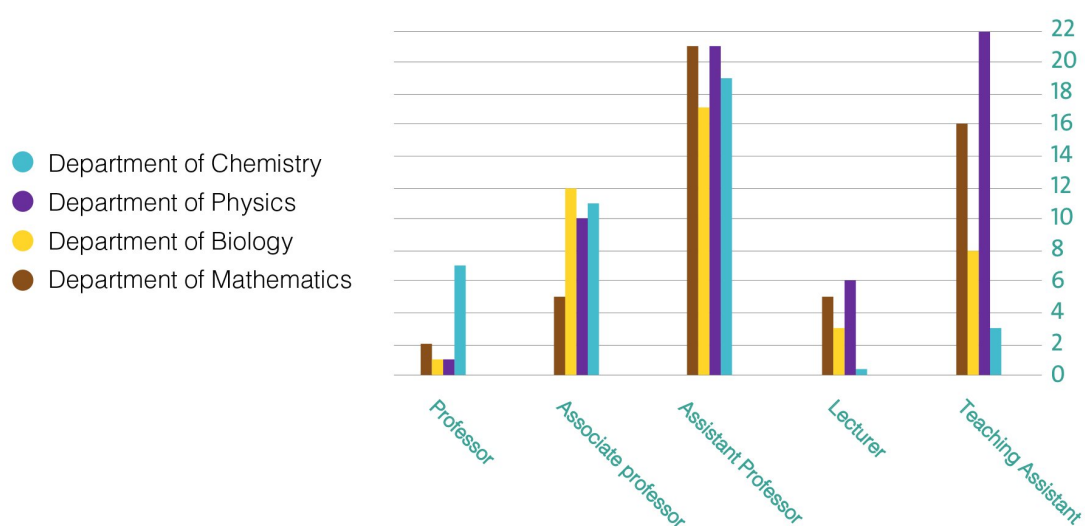


Statistics and numbers

Human resources

Members of the academic staff

► Number of the college members according to the academic rank



► Number of the college members according to the country of obtaining the academic degree

Saudi	11	Austria	1	Spain	1	USA	4	Algeria	2
Egypt	58	Russia	1	England	9	Australia	3	Tunisia	13
Malaysia	1	Holland	2	Germany	5	India	1	Sudan	1
Hungary	1	Japan	5	France	2	Morocco	2	South Africa	2

► Staff members with an Outstanding world record

Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
No. of staff members	21	12	6	2

► Staff members who receive academic promotions

Academic rank	Master's degree	Get a PhD	Promotion to the rank of Assistant Professor	Promotion to the degree of Associate Professor	Promotion to the degree of professorship
No.	8	2	2	2	1

► Staff members involved in arbitration and thesis and scientific research

Arbitration of scientific theses	5
Scientific research arbitration for international and domestic journals classified ISI	48
Scientific Research Arbitration for Scopus Classified International and Local Journals	45
Scientific research arbitration for unrated and international journals	13

► Supervising scientific theses

Number of Staff members supervising Msc and PhD theses

Master Theses	PhDs
20	6

► Research papers and scientific books published

Number of papers published in ISI or Scopus classified journals	331
Number of papers published in unclassified journals	4
Number of papers published in local magazines	5
Number of papers published in international journals	330
The number of books published or a chapter in the book	9

► Research groups (supported and unsupported) in the college departments

Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
Research groups	6	3	5	4

► Staff members participating in scientific conferences and forums

Staff members participating in scientific conferences and forums					
Depending on the type of participation				According to the place	
Research Paper	Scientific Poster	Oral	Attending	inside the Kingdom of Saudi Arabia	outside the Kingdom of Saudi Arabia
4	0	0	1	2	3

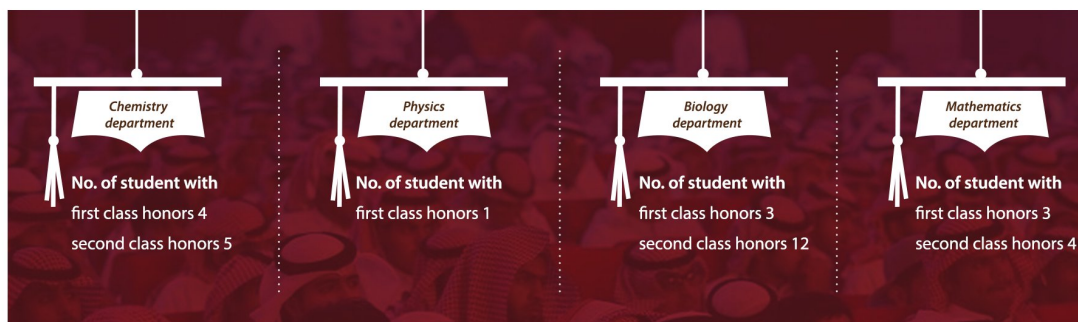
► College Scholarships

The number of scholarships internally for a PhD	The number of scholarships internally for a master's degree
6	3
The number of scholarships abroad for the PhD degree	The number of scholarships abroad for a master's degree
37	12

► College programs

	Department of Mathematics	Department of Biology	Department of Physics	Department of Chemistry
Number of first semester students	159	197	102	99
number of female students for the first semester	147	331	171	225
Number of second semester students	162	184	78	98
number of female students for the second semester	139	334	181	227
Number of postgraduate students, first semester	4	11	0	5
Number of female postgraduate students, first semester	8	9	11	14
Number of postgraduate students, second semester	2	11	0	5
Number of female postgraduate students, second semester	8	8	11	14
number of first semester graduates	14	26	0	1
Number of female graduates from the first semester	7	14	6	9
number of graduates for the second semester	12	21	3	4
number of female graduates from the second semester	16	28	9	25

► Students holding first and second honors degrees



First semester Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
Number of students with first class honors	0	0	0	1
Number of female students with first class honors	0	0	0	0
Number of students holding the second honors degree	1	1	1	3
Number of female students obtaining the second honors degree	1	0	0	1

Second semester Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
Number of students with first class honors	1	3	1	3
Number of female students with first class honors	0	1	0	0
Number of students holding the second honors degree	0	1	0	8
Number of female students obtaining the second honors degree	1	1	2	1

► Success rates for students of the College of Science for the academic year 1440-1441 AH

Academic departments		First semester	Second semester
Chemistry	Student section	89.94	97.73
	Female section	94.25	99.71
Physics	Student section	83.08	94.56
	Female section	84.12	97.65
Biology	Student section	91.32	95.3
	Female section	91.96	98.82
Mathematics	Student section	72.23	95.29
	Female section	76.45	96.98

► College students who passed the achievement tests

Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
Graduates	1	1	5	2

► Graduates and students of the college who have passed the competency tests

Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
Students	6	5	13	11
Female students	8	3	7	0

► College graduates who have been employed

Departments	Department of Chemistry	Department of Physics	Department of Biology	Department of Mathematics
Students	9	3	11	25
Female students	2	1	0	0

► College graduates who have enrolled in postgraduate programs

	Students	Female students
Master of Science Program in Chemistry	1	7
Master of Science Program in Physics, Path of Physics of Materials Science	0	6
Master of Science Program in Microbiology	3	6
Master of Science in Mathematics, Path of Applied Mathematics	0	2

Human resources

The Administrative Authority

	Number of technicians	Number of female technicians	number of administrators	number of female administrators
Office of His Excellency the Dean of the College			1	
Office of the Vice President's Excellency				2
Faculty Administration			3	7
chemistry department	6	5	1	
physics department	5	4	1	
Biology department	1	1	1	
Mathematics department				



Supportive learning environment

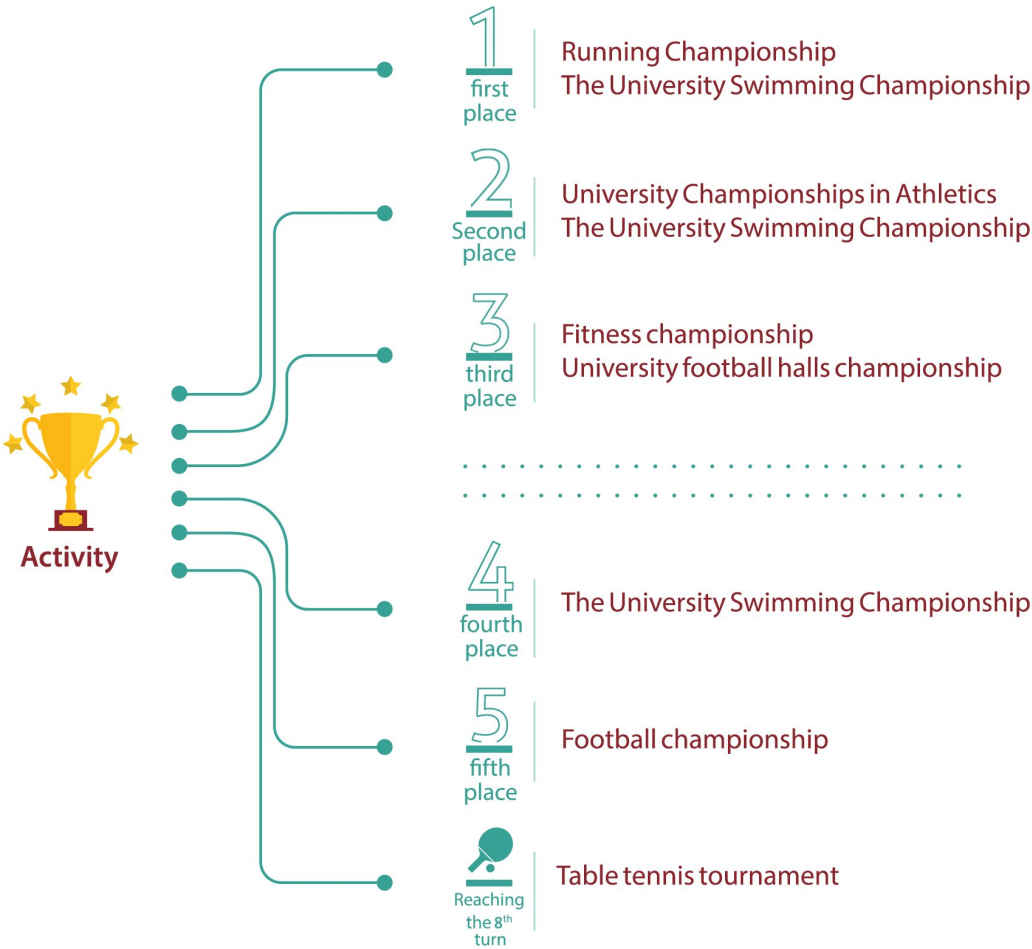
Regularity of study in the Blackboard program during the suspension of the study "Distance Education"

College of Science	Number of virtual lectures	Number of transferred courses	Number of transferred sections	Student attendance ratio
Faculty member	6712	860	898	%77.35



Community participation

Sports tournaments



► Lectures and training courses that serve the university and society

Community Service	4
Deanship of Student Affairs	6
Deanship of Community Service and Continuing Education	9
Skills Development Center	3
"Student Grants Unit "Deanship of Scientific Research	1
University Guidance Center	4

► External visits and hosts

Departments	External visits	Hosts
the college	3	6

► Media coverage

Development and updating of the website of the College of Science (CV, staff members research, community activities and posts, news and events).

► The number of voluntary initiatives and proposals that were presented to serve the university and society

The number of initiatives and proposals accepted and implemented	The number of initiatives and proposals accepted and not implemented	the number of initiatives and proposals rejected
6	9	5

◀ Establishing committees and restructuring units and committees in the college

Create new units and committees		
Name of the committee	tasks of the committee	date of decision
Graduation Projects Committee	1- Organizing the ceremony and the activities of the graduation projects in the college	28/12/1440 AH
ABET Committee	1- Preparing the program self-study for all the college programs 2- Providing technical support to the college programs 3- Follow up the completion of the tasks required by the scientific departments 4- Preparing the faculty staff to receive the foreign visiting team 5- Meet all ABET criteria for all academic programs in the college.	30/6/1441 AH
Complaints and Student Initiatives Committee	1- Receiving any complaints or suggestions from the students. 2- Dealing with and interacting with student initiatives	18/12/1440 AH

Separating and changing college committees and units	
Previously	Current
The Media Committee and the College website	Media Committee College Site Committee
The Committee of Graduate Studies, Scientific Research and Scholarships	Scholarship Committee Graduate Studies and Scientific Research Committee

Achieved ratios of the strategic goals of the College of Science

No.	The aim	Achievement percentages according to procedures	Achievement ratios according to indicators
1	Providing educational programs capable of providing outputs that meet academic standards and fit the requirements of the labor market	% 85.6	% 77
2	Supporting the Kingdom's needs of qualified cadres in the fields of basic science and its applications	% 87.5	% 81.3
3	Enhancing research capabilities by preparing advanced laboratories to support various applied scientific studies and research that enable the college to contribute to community service and development	% 51.5	% 72.5
4	Developing the performance of the administrative and technical staff to support the educational and research process	% 67	% 71.8
5	Diversifying the sources of educational culture and linking the student's scientific concepts to the problems of society and the surrounding environment	% 48.6	% 40.9
6	Update the plans and programs of study in the basic sciences according to the international standards followed	% 82.5	% 99.8
7	Developing academic and research work through scholarships or partnerships with universities and local and international sectors	% 59.2	% 76.5
8	Create postgraduate programs in the various disciplines in the college	% 100	% 87

The most prominent administrative decisions



The continuation of his Excellency
Dr. Mosaed Bin Saud Al- Alhumaimess
Dean of the College of Science
starting from 4/7/1441 AH until further notice



Assigning His Excellency
Dr. Mousa Bin Othman Qarmoush
as Head of the Biology Department at the College of Science
from 16/16/1441 AH until further notice

Assigning His Excellency
Dr. Badr bin Lafi Al-Ruwaili
as Head of the Department of Mathematics, College of Science
from 12/5/1441 AH until further notice



Assigning His Excellency
Dr. Ibrahim bin Hutan Al-Sahimi
Head of the Department of Chemistry, College of Science
from May 22/5/1441 AH until further notice

Assigning His Excellency
Dr. Mishal bin Mufleh bin Hamoud Al-Zaid
as Head of the Department of Physics, College of Science
from 5/24/1441 AH until further notice



Assigning Her Excellency
Dr. Abeer Bint Yousef Al Hashash
as Coordinator of the Biology Department of the College of Science
in addition to her work
from May 22/5/1441 AH until further notice

Assigning Her Excellency
Dr. Aida Bint Muhammad Al-Ahmadi
as coordinator of the Department of Mathematics, College of Science
from 15/15/1441 AH until further notice



Assigning His Excellency
Mr. Muhammad Bin Saleh Al-Areefj
Director Administration of the College of Science
as of 9/10/1441 AH

Vision 2030

Kingdom of Saudi Arabia

Vision 2030 was built on 3 pillars that draw on KSA's intrinsic strengths

◀ The Kingdom's Vision 2030 has been translated into strategic goals to enable effective implementation and follow-up ▶





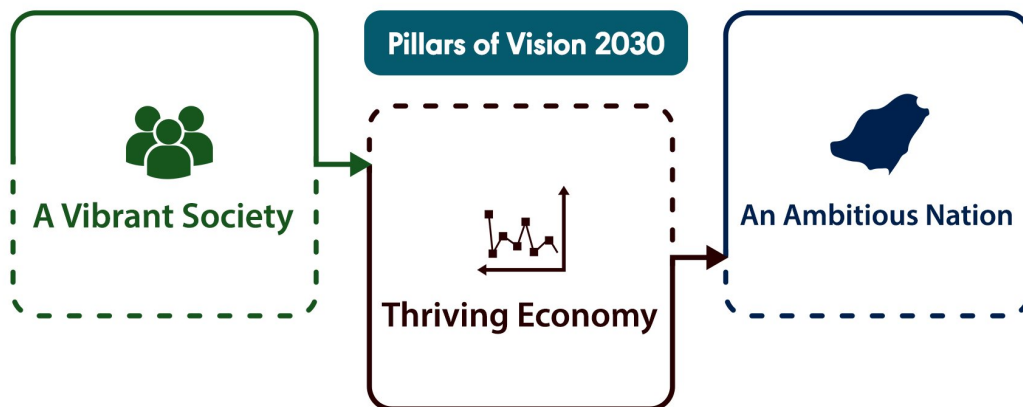
The College of Science steps towards the achievement of Vision 2030

Our goals for our National Vision 2030



What are the goals

That the programs seek to achieve?



The themes and orientations of the vision have been translated

To a group of major goals that the college sought to achieve

- ▶ Promoting Islamic values and national identity
- ▶ Enabling a healthy and fulfilling life
- ▶ Increased employment rates
- ▶ Enhancing government effectiveness
- ▶ Enabling social responsibility



The College of Science steps towards the achievement of Vision 2030

Our goals for our National Vision 2030



**Strengthen
the national
identity**

Vibrant Society

Strengthen Islamic
and national identity



**Foster
Islamic
values**



Instill national values and strengthen
the sense of national belonging



Foster values of equity & transparency



Conserve & promote Islamic, Arab And
National heritage of the Kingdom



Foster values of determination And
perseverance





**Improve
healthcare
service**



**Promote
a healthy
lifestyle**

Vibrant Society

Offer a fulfilling And
healthy life



Strengthen prevention against
health threats



Increase public participation in
sports and athletic activities



Safeguard the environment
from natural threats



Reach regional & global excellence in
selected professional sports



**Improve
healthcare
service**



**Improve
livability in
Saudi
cities**



**Promote
Culture and
Entertainment**



**Create an
empowering
environment
for Saudis**



Strengthen prevention
against health threats



Enhance traffic safety



Grow Saudi contribution to
arts & culture



Enhance family involvement
in preparing for their children's future





Ensuring
equal
access to job
opportunities

A Thriving Economy

.....
Increase
employment



Attract
relevant
foreign
talents for
the economy



Improve readiness of youth to enter
the labor market



Increase women participation in
the labor market

Source relevant foreign talent
effectively



Develop
Human
Capital in line
with labor
market
needs



Enable job
creation
through
SMEs and
-Micro
enterprises



Build a life-long learning
journey



Improve equity of access to
education (esp. in rural areas)



Improve fundamental learning
outcomes



Improve ranking of educational
institutions (e.g. Universities)



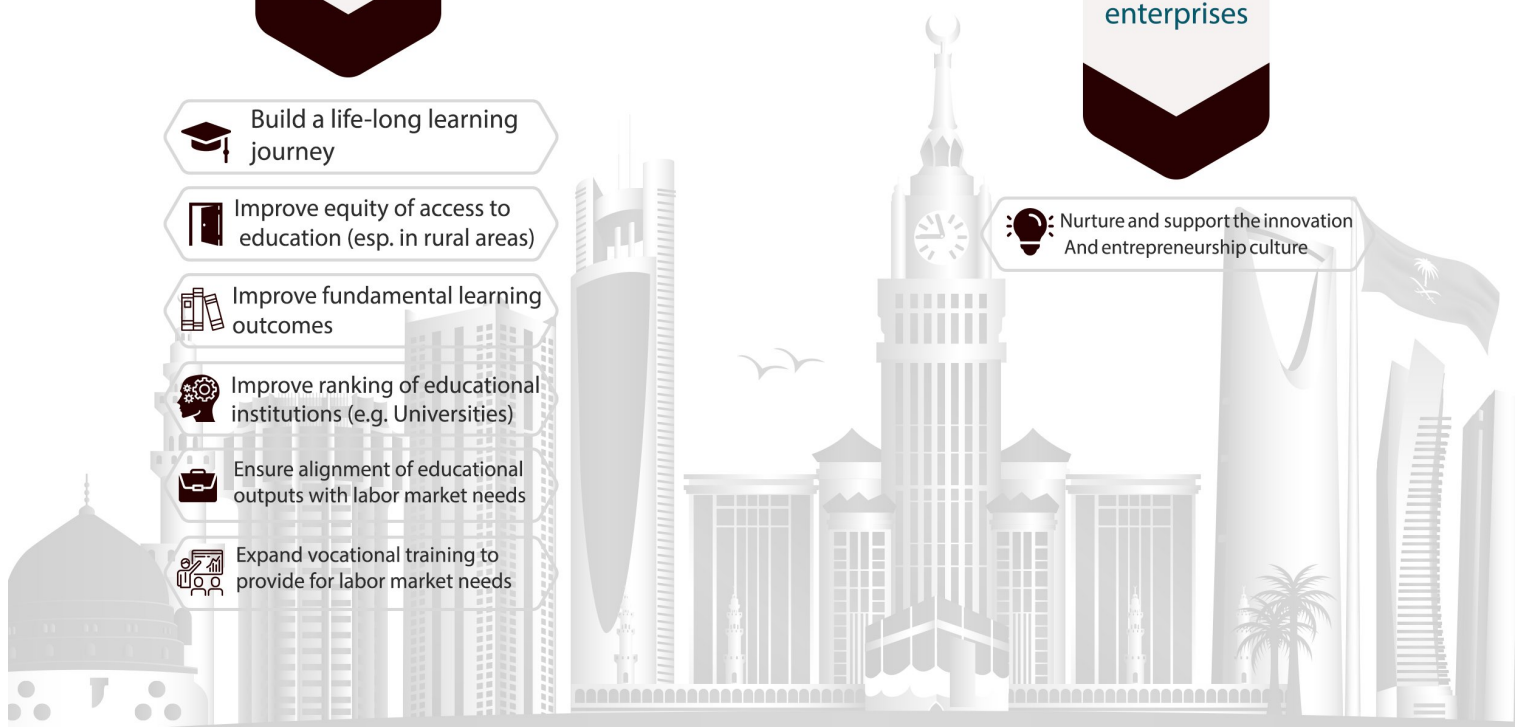
Ensure alignment of educational
outputs with labor market needs



Expand vocational training to
provide for labor market needs



Nurture and support the innovation
And entrepreneurship culture





Improve
performance
of
government
apparatus

An Ambitious Nation

Enhance government
effectiveness



Engage
effectively
with citizens



Enhance effectiveness of financial planning
And efficiency of government spending



Enhance transparency across government
roles



Improve productivity of
government employees

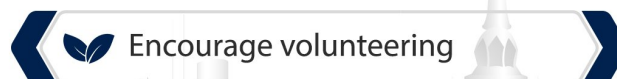
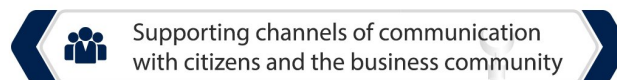


Strengthen communication channels with
citizens & business community



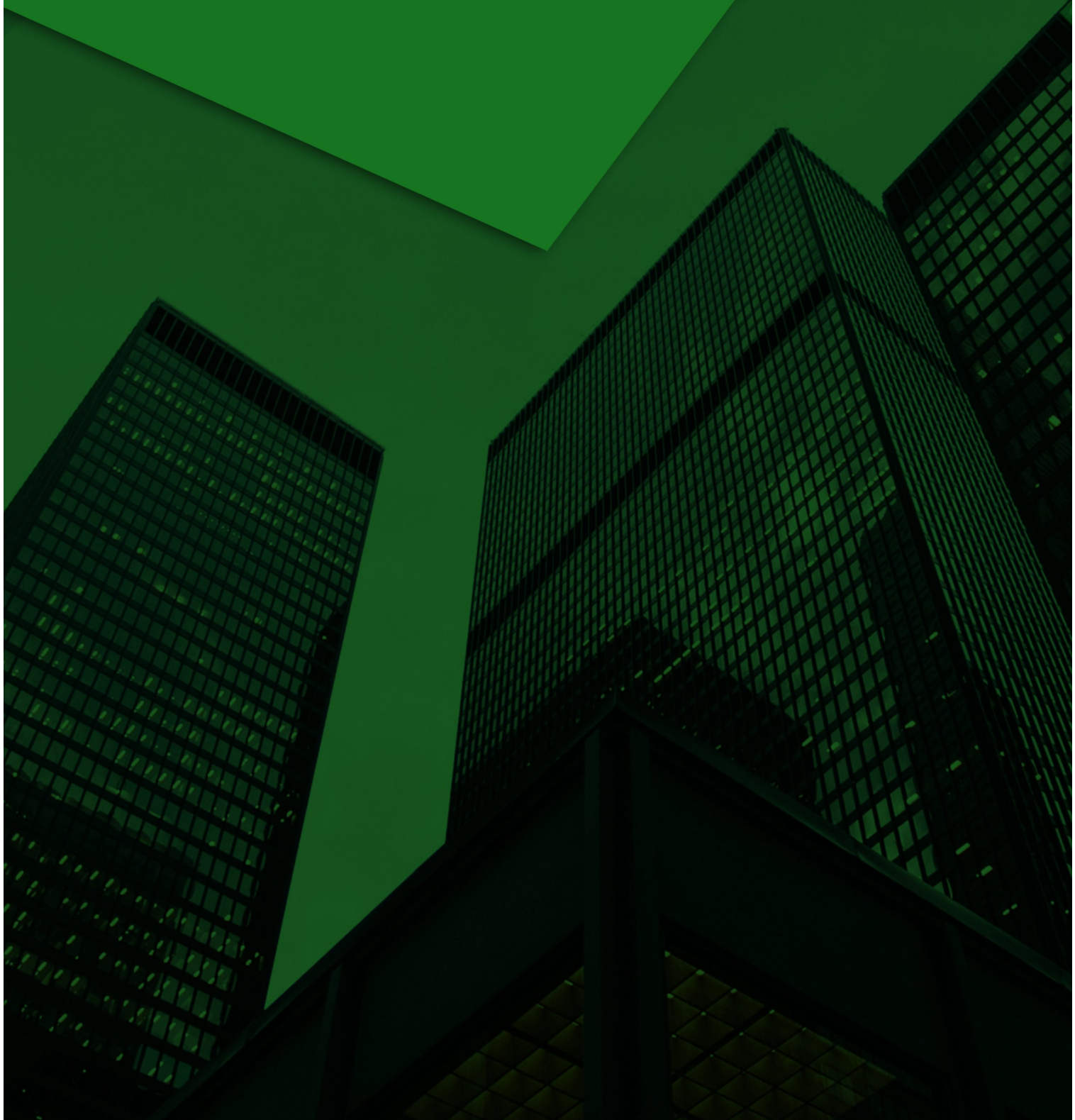
Develop the e-Government





Chapter one

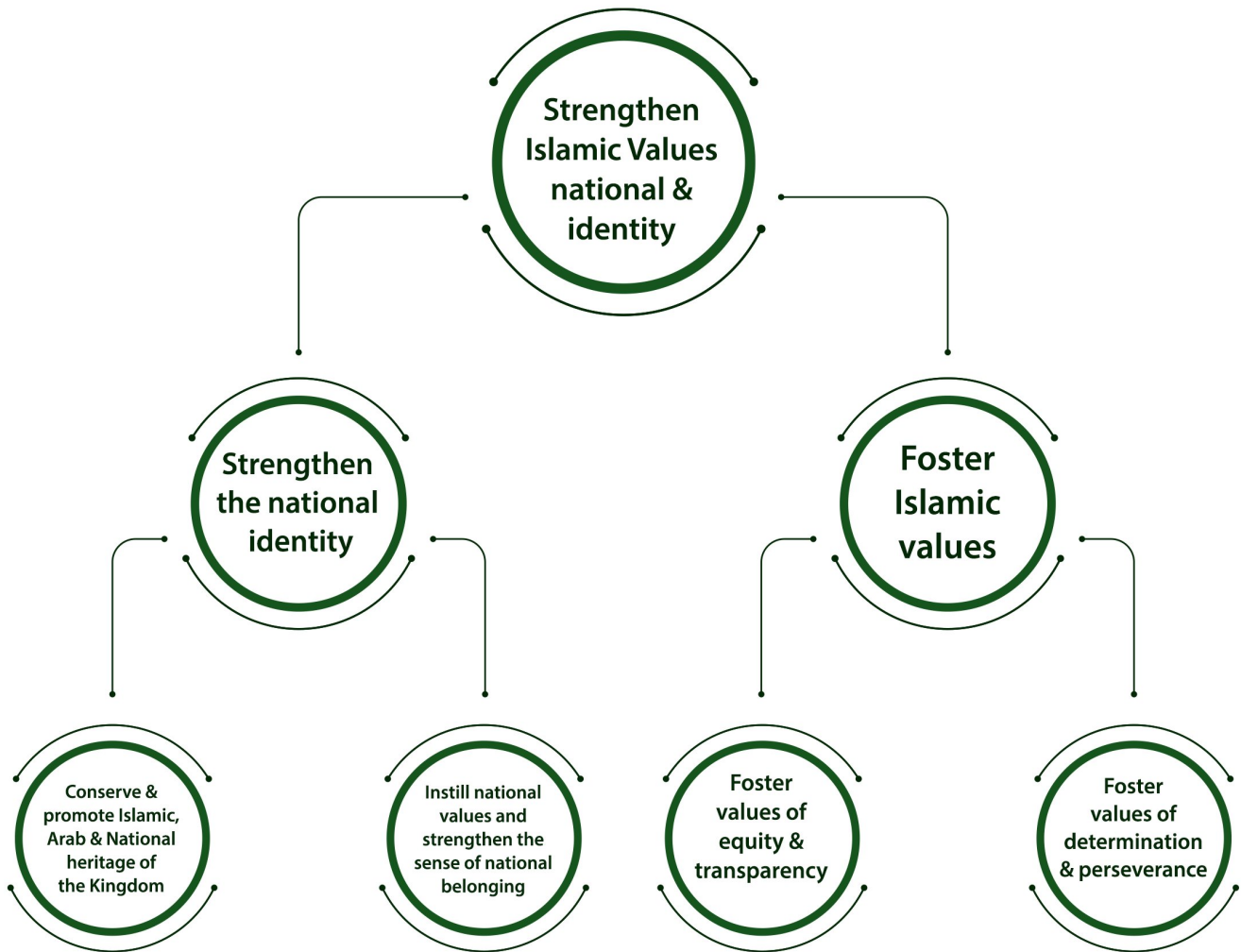
Vibrant Society



Vibrant Society

**Offer a fulfilling
And
healthy life**

**Foster Islamic
values
Strengthen the
national
identity**



Foster Islamic values

Foster values of determination & perseverance

The leaders and employees of the College of Science supported the words of the Custodian of the Two Holy Mosques during the crisis of the Corona Virus to reassure his people and strengthen their resolve

<p>11 ساعة - @JoufUni... جامعة الجوف</p> <p>كلمة #خادم الحرمين الشريفين شاملة في مضامينها، واضحة في معانيها، مطمئنة على مستقبل الوطن، تعكس مدى اهتمامه وحرصه على المواطن والمقيم في هذا الوقت العصيب الذي يشهده العالم.</p> <p>د. زياد الرويلي عميد عمادة السنة الأولى المشتركة</p> <p>#جامعة الجوف</p>	<p>10 ساعة - @JoufUni... جامعة الجوف</p> <p>رداً على @JoufUniversity</p> <p>كلمة #خادم الحرمين الشريفين هي كلمة أبوية حانية من قائد والد لأبنائه وبناته مضبوطة، التوكل على الله، الصبر والعزم، الطمأنينة المريحة.</p> <p>وشعرك مملك يا والدنا وقائدنا في المنشط والمكره وفي العسر واليسر وفي السراء والضراء.</p> <p>د. مساعد الحميص عميد كلية العلوم</p> <p>#جامعة الجوف</p>	<p>9 ساعة - @JoufUni... جامعة الجوف</p> <p>كلمة #خادم الحرمين الشريفين تبعث الطمأنينة وتدعو لمواصلة العمل الجاد في هذا الوقت الصعب وتعكس مدى حرصه حفظه الله! فالوطن ومن على أرضه في عيني.</p> <p>حفظ الله هذا الوطن وقادته وأبنائه وأمنه واستقراره.</p> <p>د. أسماء المويشير وكيلة الجامعة لشؤون الطالبات</p> <p>#جامعة الجوف</p>
<p>1 ساعة - @JoufUni... جامعة الجوف</p> <p>يقين لنا أن نفخر بدولتنا والإجراءات التي نفذتها لحماية المواطنين والمقيمين للسيطرة على #كورونا الجديد وفي كلمة قائدنا #خادم الحرمين الشريفين مبدعونا للتقيد بالأنظمة المعمول بها الآن حتى تزول هذه الغمة إن شاء الله.</p> <p>د. مشاعل العتيبي وكيلة كلية علوم الحاسب والمعلومات</p> <p>#جامعة الجوف</p>	<p>10 ساعة - @JoufUni... جامعة الجوف</p> <p>رداً على @JoufUniversity</p> <p>كلمة #خادم الحرمين الشريفين حملت في طياتها عبارات الأب الجاني والقائد الفذ المتميز والقيادة الحكيمة التي تحمل هم الوطن والمواطن في أصعب الظروف، وبثت روح الطمأنينة في نفوس المواطنين.</p> <p>د. سلام الشراري وكيلة كلية العلوم الطبية التطبيقية</p> <p>#جامعة الجوف</p>	<p>5 ساعة - @JoufUni... جامعة الجوف</p> <p>رداً على @JoufUniversity</p> <p>تضمنت كلمة #خادم الحرمين الشريفين معان عظيمة جمعت بين العزيمة والإصرار على استمرار الجهود المبدولة لحفظ وسلامة كل من يعيش على هذه البلاد المباركة، وكذلك العطف ومشاركة شعبه هموم هذه الأزمة وتداعياتها.</p> <p>د. ناصر العتيبي عميد القبول والتسجيل</p> <p>#جامعة الجوف</p>

Directing the dean of the college and heads of departments to raise awareness messages and precaution for college employees to manage the emerging Corona virus crisis by integrating efforts in coordination and serious follow-up and contribute within one working team to contain the crisis, also the dean of the college held an emergency session with faculty members of the College of Science to discuss the progress of the educational process in the college. The number of attendees was approximately 125 faculty members, during which he addressed his happiness response to all inquiries.

College of Science leaders and employees support the decisions of the new-system of universities in words that stress the importance of these decisions for the advancement and development of the educational and research process

التفريدة

كلية العلوم إعادة تفريدها

 **جامعة الجوف**
@JoufUniversity

#النظام_الجديد_للجامعات انعكاس لتحقيق
مضامين **#رؤية_السعودية_2030** حيث
سيسهم في الاستخدام الأمثل للموارد
البشرية والأكاديمية والإدارية وربط البرامج
الجامعية بسوق العمل وبما يحقق الوصول
للتنافسية العالمية.

د.عبير الحشاش
وكيلة كلية العلوم
#جامعة_الجوف

التفريدة

كلية العلوم إعادة تفريدها

 **جامعة الجوف**
@JoufUniversity

#النظام_الجديد_للجامعات يمهّد لنقلة نوعية
كبيرة وفق آليات منضبطة تؤدي إلى رفع
الإنتاجية لدى الجامعات، واستقطاب طلاب
متميزين من جنسيات متعددة.

د. ناصر الطويل العتيبي
عميد القبول والتسجيل
#رؤية_المملكة_2030
#جامعة_الجوف

التفريدة

كلية العلوم إعادة تفريدها

 **جامعة الجوف**
@JoufUniversity

#النظام_الجديد_للجامعات قفزة نحو التميز
والإبداع في مسيرة جامعاتنا السعودية
للتطور العلمي والبحثي والتقني والاستثمار
الأمثل للموارد البشرية لتحقيق
#رؤية_السعودية_2030

د.سلام الشراري
وكيلة كلية العلوم الطبية التطبيقية
#جامعة_الجوف

التفريدة

كلية العلوم إعادة تفريدها

 **جامعة الجوف**
@JoufUniversity

#النظام_الجديد_للجامعات قفزة نوعية في
مسيرة الجامعات السعودية ويعكس إنجازات
المملكة في تحقيق **#رؤية_السعودية_2030**
ويساهم في تطوير العملية التعليمية ويزيد من
الكفاءة البحثية، والاستقلالية لتنمية الموارد
البشرية والمادية.

د.دلال الرويلي
وكيلة كلية الصيدلة
#جامعة_الجوف

التفريدة

كلية العلوم إعادة تفريدها

 **جامعة الجوف**
@JoufUniversity

#النظام_الجديد_للجامعات يفتح مجالاً
للاستثمار والريادة ويعتبر مؤشراً إيجابياً
وداعماً لاستمرار مسيرة التعليم العالي في
#السعودية وتعزيز مخرجاته بما يلبي حاجة
المجتمع بصورة أكثر فاعلية.

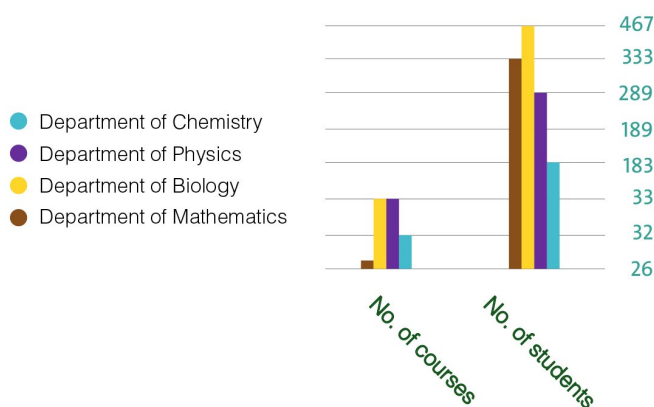
أ.د/نايف المعقل
قسم الكيمياء بكلية العلوم
#رؤية_السعودية_2030
#جامعة_الجوف

Foster Islamic values

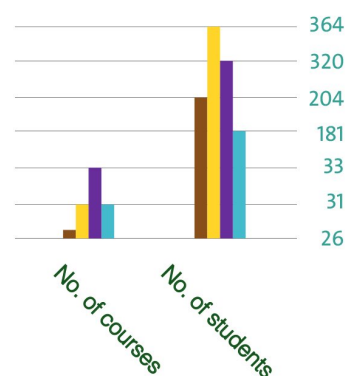
Foster values of equity & transparency

The College of Science emphasizes adopting an approach to transparency between employees and students of the college and its graduates, so the Quality and Academic Accreditation Unit at the College of Science has done several opinion polls for students and faculty members for many of the service, academic and extension aspects

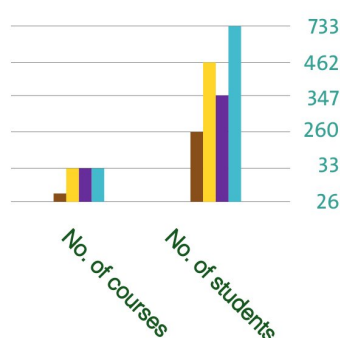
► Male Student opinion polls
for the first semester of the academic year 1440-1444 AH



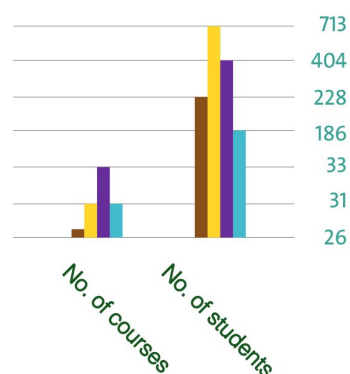
► Female Student opinion polls
for the first semester of the academic year 1440-1444 AH



► Male Student opinion polls
for the second semester of the academic year 1440-1444 AH



► Female Student opinion polls
for the second semester of the academic year 1440-1444 AH



► The average satisfaction of male and female students of the College of Science with the quality of extension services provided to them
for the academic year 1440-1441 AH

Academic Advising

% 76.2

Psychological Guidance

% 72.2

Career Counseling

% 72.4



Strengthening the national identity
Instilling national principles and values
and enhancing national belonging



National day celebrations

The College of Science participated in the celebrations of the National Day with many activities, the most prominent of which are:



Sports competitions



Within the activities of celebrations of the National Day at Jouf University

The College of Science won first place and the University Cup in a cross-country marathon





Cultural competitions



Within the activities of celebrating the National Day at Jouf University

Under the slogan "Lift the green flag," (Ahmed Al-Taref - Abdul Rahman Al-Maliki - Ahmed Al-Rashidi) students participated, and the college students advanced to the final round of the championship





Newspaper
Hollow
The university



Participation of leaders and employees of the College of Science in the University newspaper

College members participated in a number of articles expressing their love for the Holy Country and its greatness

فخر واعتزاز..

ونحن نحتفل باليوم الوطني التاسع والثمانين، الذي سطر ملاحمه الملك عبد العزيز بن سعود طيب الله ثراه ورجاله المخلصون، واكمل مسيرته من بعد ابناؤه الملوك خدام الحرمين الشريفين.

نستشعر، ونستحضر نعم الله علينا في هذا اليوم التاريخي الخالد العزيز على قلوبنا يومضنا مواطنين. إن اليوم الوطني يذكرنا دائما بنعم الأمن، والأمان، والوحدة، والرخاء، والتطور، والبناء. هذه النعم

التي نتفخياً ظلّالها، وترغد
عيشها يوماً بعد يوم ما يدفنا
للشعور بالخير والاعتزاز
، والانتماء لهذا الوطن
ومواصلة العطاء له، والبناء،
ليكمل مسيرته موحداً عزيزاً
شامخاً بإذن الله في ظل

قيادة حكيمة رحيمة من لدن
خادم الحرمين الشريفين
الملك سلمان بن عبد العزيز،
وولي عهده الأمين الأمير محمد بن
سلمان بن عبد العزيز حفظهما الله.
ولا ننسى في هذا اليوم
جنودنا المبراهطين في الخارج

والداخل الذين يذودون عن
حمانا ويحفظون أمننا، فليهم
منا كل الدعوات أن يحفظهم،
ويسد رميهم، وينصرهم.
ختاماً نسال الله جل في علاه أن يحفظ
ولاة أمرنا، ويحفظ وطننا، ويديم
أمنه، وعزده، ووحدته، واستقراره.

د. مساعد الحميمص
عميد كلية العلوم

يوم المجد والفخر..

ورأى في العالم على كافة الأصعدة. ووضح مكنم على تحقيق ذلك. كما أوضح مكنم في نظريته رؤية عالمية بعد مائتة سنة من العهد إلى مكرراته. رؤية عالمية نجاحها خلق في خلال ١. العهد العربي والإسلامي من خلال وجود الحرمين الشريفين ٢. الفترات الاستعمارية الشخصية ٣. أهمية المبعز الجغرافي والاستراتيجي المميز. من خلال عمل مكنم ويطبق أفكاره وإيماني كل المحرمات خلال ٤. مائتة سنة. فطاعات الممثلة على تحقيق رؤية العالم ١٠٠٠. من طريق مكرم. وجوده لثرت مكنم في تحقيق

د. أسامة عارف

مكتب الجامعة للتطوير والحودة

[illegible]

د. أسماء الموشى

وكيلة الجامعة لشؤون الطالبات

المتسارع واتاحة الفرصة أمام المجتمعات والثقافات والمهارات منها للمشاركة في النهضة والبناء، وتجهيز حق الإنسان في النهضة تمكين المرأة السعودية بما يتماشى ورؤية ٢٠٣٠.

والיום الوطني فرصة ثمينة كي نغرس في نفوسنا الطموح الذي لا يألوا، والاعتزاز الذي لا يتوانعوا هذه الفكرة الجيدة التي نضعها على القلب، والاعتزاز.

د. عبير الحشاش

وكيلة كلية العلوم

عزیز آنت یا وطنی ..

مصاف الدول المتقدمة، بل تتميز بالعربي، وشهدت لذلك المدارس والمعاهد والجامعات، ودور العلم، مما جعل المملكة العربية السعودية، ولقد باتت حكومة المملكة تحت اوط، قائد الوطن على تعزيز بيئة تعليمية للمرات تتوافق مع متطلبات سوق العمل، وتعد مجالات التعليم، حديثاً، لرفع كفاءة المتدربين،

اليوم الوطني

يوم النهضة والنجاح ..

عزها الله ،ودخس عنها كل عدو.
منعنا نسر التاريخ .وعيد شريع
عاصي نرى كيد ان مؤسس هذه البلاد
مغفور له جلالة الملك عبدالعزيز طيب
له ثراه قام بتوحيد هذه البلاد تحت
العلم والتوحيد ،وشرع الامن ،والامن في

يوم المجد والفرح فيه تذكر
أعوام مضت، حطت بالجزائر وتقدم
والدهار، ٨١ عاماً منذ بدأ الحرس
الحكّ الحُرّ العُزّيز بن عبد الرحمن الـ
سعود - رحمه الله - في توحيد المملكة
ووضع أسس الدولة الحالية وأقر نظاماً
متكاملاً ليضمن التماسك على كلمة
التوحيد وحل العهد في المحافظة على
المملكة وشعبها والعمل على الإصاح
والتحديث وتطويره والأمانة بالعبء،
مناجاة إنجاز من جبل إلى جبل، تتوالى
وعلى التلال بالدموع حطفت الله والعهد
لعمامات في لحة الأمة والحفاظ على
تعميقات الإسلام التي هي عصب

وطني حب وأمان ..

الحديث عن الوطن يشبه العسير في بستان جميل تلوح من أزهاره رائحة التفاؤل، وعبير الأمل، ونسائم الخير ، فالوطن هو الشجرة الكبيرة التي يستظل الجميع بظلها، وهو النعمة الواعدة التي تهدب على النشء قمتها أملاً وسعادة ، وهو الأمل، والأحبة، وهو كل شيء

جميل ، الوطن هو شعور داخلي يحتل كل خلية في الجسد ، شعور يجعل من المستحيل على أي شخص أن يتخلى عن وطنه، أو ينساه أو يتسلخ منه ، فالوطن هو الماضي، والحاضر، والمستقبل . الوطن شعور، وإحساس ، حب، وانتماء ، أرض، وساء ، أمن وأمان .

الوطن هو ذلك الفرح الذي يحرك أعماق أعماقتك إن شعرت بأنك تحقق شيئاً ما يفخر به أمك، ووطنك وهو تلك القصة التي تتجاذك إن شعرت أن كل ما سبق في خطر.. الوطن هو ما يفتلك نحو التطور، و التقدم، و التعلم من أجل رفعتك، و

تقدمه، الوطن هو كل الأشياء الجميلة، و الرائعة التي يتميز بها الأشخاص، والتي تفرض عليهم دائماً بذل العزيم من الجهد من أجل تحقيق المزيد، والعزيم. الوطن يحتاج إلى أن يكون أبناً صفاء واحداً، حمايته، ونهضته والسعي، لاستشرافه، فهو لا يريد الكلمات،

والخطب الرنانة، إنما يريد من أبنائه أن يفعلوا لأجله كل ما يستطيعون كي يكون دوماً في المقدمة، ويطلب منهم أن يسونوه من هجمات الأعداء، وأن يذاعوا عنه بأموالهم، وأرواحهم، ودمايتهم، فالوطن يكبر بسواعد الرجال، ودعاء الأمهات، ومحبة الأطفال، وإرث الأجداد.

د. أمينة المران

كلية العلوم

أجمل وطن ..

إن من فضل الله، و نعمته على هذا الوطن المبارك أن هيا له قادة أوفياء.. جعلوا رضا الله غايةهم و مصلحة المواطنين أولى اهتمامهم، إن حب الإنسان لوطنه من الأمور الفطرية

التي خيل عليها.. فبارك الله لنا في مملكتنا الحبيبة، وأدام عليها الأمن، والأمان وكل عام أنت أجمل وطن .

شريفه الدخمي

كلية العلوم

دعوة للتلاحم بين القيادة والشعب ..

معالي مدير الجامعة، وزملاء الكرام من جهود واضحة من تطوير هي البنياني والنظام التعليمي وسواء للجامعة كما أنكر سمو أمير منطقة الجوف، الأمير فيصل بن نواف بن عبد العزيز آل سعود وسو نائبه الأمير عبد العزيز بن فهد بن تركي على الدعم اللامحدود الذي تجده الجامعة وكافة الإدارات الحكومية بالمنطقة وفي خضم هذه المشاعر الوطنية نسال الله العليم الخبير أن يوفق

أ.د / تاييف المعقل

كلية العلوم

خلال رئاسة المملكة ٢٠٢٠ ،ومبادرات التحول الوطني للإلتقاء به، والمحافظة على مكتسباتنا، ومفردتنا بعينها عن صفات التشرد والتفرقة، والمصيبة، والخيبلة... والعمل على جمع الصف، ووحدة الكلمة، وغرس حب الوطن، والانتماء إليه في نفوس أبنائنا وفلانا كل منا في موقفه كما يجب علينا التذكير بما تشهده من مشاريع تشيوية، ومبادرات، ومكتسبات، وتعمل أهمها هذا الصرح الكبير جامعة الجوف الذي يشهد نموها هي المباني الإدارية، والكليات العلمية، والتفكيرية، والمنشآت الرياضية والمشاركة الفاعلة في مسيرة التنمية الشاملة التي تشهدها بلادنا في هذه الفترة من

لا بد من الإلتقاء إلى ما يبذلها

٥٥ يوم الأربعاء من ذي الحجة (يوم عرفة) وكان ذلك لأول مرة في عهد خادم الحرمين الشريفين الملك سلمان بن عبد العزيز آل سعود حفظه الله، وستحتفل المملكة العربية السعودية باليوم الوطني الـ ٨٩ في يوم ٢٢ من محرم ١٤٤١ هـ الموافق للإنشدين ٢٣ من سبتمبر، ومن المؤكد أن جميع أبناء المملكة العربية السعودية والمقيمين سيشركون في الاحتفالات التي ستعقد في جميع مدن ومحافظات المملكة بحسب علينها جميعا في هذه الذكرى العزيرة على فلوينا جميعا أن نترجم ولائنا، وانتمائنا لولاة أمرنا، ووطننا من خلال العمل الدؤوب الصادق بالمشاركة الفاعلة في مسيرة التنمية الشاملة التي تشهدها بلادنا في هذه الفترة من

٢١ من جمادى الأولى ١٤٢١ هـ

الموافق الأول من السبتمبر، والموافق ليلة ٢٥ من سبتمبر ١٤٢٢ هـ، أهمية ذلك اليوم تتمثل في توحيد المملكة العربية السعودية والجدير بالذكر بأنه في عام ٢٠٠٥ أقر الملك عبد الله رحمه الله - أنه ابتداء من اليوم الوطني السعودي ٢٥ يصبح اليوم الوطني إجازة رسمية للدولة، وفي عام ٢٠٠٩ شهد اليوم الوطني ٨٩ قيام الملك عبد العزيز آل سعود - رحمه الله - بإفتتاح جامعة الملك عبد الله للعلوم التقنية بحضور عدد من رؤساء، ودول العالم، وفي عام ٢٠١٤ في اليوم الوطني السعودي ٨٩ دشنت أمانة محافظة جدة أطول سارية علم في العالم ارتفاعا يتجاوز ١٣١ مترا، ومقام العلم يبلغ ٩٩,٥ مترا طولا، و١٣٣ مترا عرضا بمساحة إجمالية تبلغ ١٣٢٥ مترا مربعا، وفي عام ٢٠١٥ وفق اليوم الوطني السعودي

٢١ من جمادى الأولى ١٤٢١ هـ

بهي، اليوم الوطني ٨٩ للمملكة العربية السعودية تحت شعار همة حتى القمة المستوحى من كلمة سمو ولي العهد، ووزير الدفاع الأمير محمد بن سلمان بن عبد العزيز آل سعود والذي يصف فيه سمو همة السعوديين كجبل طويق، وإن يتكسر حيث تحتفل المملكة العربية السعودية باليوم الوطني لتوحيد المملكة في ٢٢ من سبتمبر من كل عام. وهذا التاريخ يعود إلى المرسوم الملكي الذي أصدره الملك عبد العزيز طيب الله ثراه برقمه (٢٣٣٦) وتاريخ ١٧ من جمادى الأولى عام ١٣٢١ هـ الذي قضى بتحويل اسم الدولة من (مملكة الحجاز ونجد وملحقاتها) إلى المملكة العربية السعودية وذلك ابتداء من ليلة الخميس ٢١ من جمادى الأولى ١٣٢١ هـ

٢١ من جمادى الأولى ١٤٢١ هـ

همة حتى القمة ..

وواصلت القيادة الرشيدة تقديم الدعم المادي، والمعنوي الكبير للتعليم، واستثمرت وزارة التعليم هذا الدعم في تحقيق إنجازات متميزة، ونجحت في الإرتقاء الكمي، والتنوع بمؤسسات التعليم من خلال رفع كفاءاته الداخلية، والخارجية، وزيادة الاهتمام بالجودة النوعية، والتوسع في التخصصات التي تحتاجها مسيرة التنمية،

د. منذر حسين

كلية العلوم

الشابطة التي قامت عليها هذه البلاد المباركة من التمسك بكتاب الله، وهدي نبيه محمد صلى الله عليه وسلم، وحفاظا على وحدة البلاد، وثبتت أمتها، واستقرها. ووفر هذا العهد الزاهر كل الإمكانيات، والمتطلبات اللازمة، لرفع جودة التعليم، وزيادة فاعليته، ورفع مستوى منسوبه، ولكابهم المهارات المطلوبة، وواصل تقديم الدعم المادي، والمعنوي الكبير للتعليم،

د. منذر حسين

كلية العلوم

وحضارية غرست روح الإلتزام للوطن في نفوس المواطنين جميعا، وفي العهد الزاهر لخادم الحرمين الشريفين الملك سلمان بن عبد العزيز، وبعدم سمو ولي عهده الأمير محمد بن سلمان بن عبد العزيز، يحفظهم الله - استمرت مسيرة الخيرة لتفوق كل أرواب التقدم، والتطور النمو في مختلف المجالات، وتحقق إنجازات تنموية كبيرة، وعمت على الأسس

د. منذر حسين

كلية العلوم

كل شمس أنت في القلب يا وطني ..

في عيني، وأربي حبا في قلب أولادي؟ وبأنني من بيت السوم بين أفراد مجتمعي، ليضرب وجدنا الوطنية .. تارة بشاعة، وتارة أخرى بنقد جليل عائد. ولكن نلوح لؤلؤه الحافين خبئ، وخاب معكم .. السعودية هي ماء أعيننا، ودم عروفتنا لن ينال منها شرمة ضالة يرسها شيطان سكون شوكية في حناجرهم، وحفنة تراب في عيونهم ..

د. مشاعل العتيبي

كلية العلوم

اختصر الوقت، والجهد، وتعب الانتظار ... أسافر على نغم، لأرى الأبنية الحديثة، وشبكة الطرق السريعة، والأفائق الجهور، والتخطيط .. أشاهد المنشآت المتقدمة، والمراكز العلاجية عالية المستوى، فأجد الله على نعمائه، والتفت إلى مركز البحوث الطبية، والعلمية، كآثار بمستواها العالي، ومن ينفها هم أبناء بلدي .. كيف لا أفرح بسعودتي وهذه بلادتي؟ كيف لا أجد لها

د. مشاعل العتيبي

كلية العلوم

الوحي في كل ذرة من تراب مملكتي قصة عشق وأسود وفاء، تنغص بها كل يوم ، ونحكيها لأولادنا حتى يستقر في وجدانهم أن هذه الأرض هي بلادنا بعد الله، وحبا واجب علينا. مهما أهرتنا الطبيعة الخلابة في بلاد الدنيا، ومهما ألقنا لون الجبال، وزهورها، وشلالها الجارية فإنها والله لا تماوي مقدار ذرة من أرض السعودية أفرح

د. مشاعل العتيبي

كلية العلوم

فخر وسخاء ..

نعم بذلت الأرواح، والأشواق، والمجهودات، لكي نسمح كائيد الواحد الذي يحمل روح واحدة روح الوطن، والفخر بالانتماء، لهذا الوطن الذي أبيت للعالم أجمع أنه قدر بأبناء وطنه الكرام، وتمت زينة قائه العظام أنه يستطيع التغلب على أصعب، وأحلك الظروف، والاستمرار بكل عزم وثقة للتطوير، ومباينة الأمم المتقدمة، ومناصفها.

بدر الطالب

كلية العلوم

نعم لهذا الوطن بسخاء، لتوصل إلى أرفي مستويات العيش، والنماء، ورفاهية لوفن، والمواطين، وما نحن إلا أن نعم الله علينا على هذا الوطن خير شاهد. نعم بحق لنا الفخر بوطننا أمة بين سائر الأمم بالانتماء لهذا الوطن الشامخ وطن العطاء، ووطن السلام، ورفاهية، ولا يعني بهذه المناسبة الوطنية بوصلي أحد أبناء هذا الوطن إلا التعبير

بدر الطالب

كلية العلوم

منذ التحولات الأولى من توحيد جميع أطراف الجزيرة العربية، وجمعهم ولم شملهم، لتجملها كآصرة الواحدة بلا تفرقة، ولا تمييز. بعد أن كانت معقل قبائل الجزيرة وعوالتها كما لو كانت في بحر عالم إلى أن أصبحت جميع الأطراف كائيد الواحدة التي تمطر في كل حدث بحر الوطن، والتفاخر بالانتماء، للوطن تحت سماء واحدة تستظل بظيم ومباينة ثابتة راسخة.

بدر الطالب

كلية العلوم



National tweets marking the national day



Participation of leaders and employees of the College of Science in the University newspaper Jouf

Faculty members participated in a number of national articles expressing their love for the Holy Country and its greatness

كلية العلوم
@sciences_ju
#اليوم الوطني
#علاقة الجامعة بالمجتمع
#همة حتى القمة
#علاقة الجامعة بالمجتمع
#اليوم الوطني السعودي 89
#رؤية المملكة 2030



كلية العلوم
@sciences_ju
كل عام والوطن بقيادته وشعبه بألف خير.
كل عام وطموحك عنان السماء.
#همة حتى القمة 89
#اليوم الوطني 89 للسعودية
#اليوم الوطني السعودي 89
#اليوم الوطني 89



كلية العلوم
@sciences_ju
#اليوم الوطني
#علاقة الجامعة بالمجتمع
#رؤية السعودية 2030
#همة حتى القمة
#اليوم الوطني السعودي 89



كلية العلوم
@sciences_ju
اللهم احفظ امننا واماننا واحفظ ولاة امرنا
وسدد ظاهم وانصرهم بالحق
وفاء الدرعان
ادارية بكلية العلوم
#كلية العلوم بجامعة الجوف
#جامعة الجوف
#همة حتى القمة
#علاقة الجامعة بالمجتمع
#اليوم الوطني السعودي 89
#رؤية المملكة 2030

كلية العلوم
@sciences_ju
دمت لنا فخرا وعزا يا أجمل الاوطان.
دام عزك يا وطني.
ا. عبدالله خالد الفلاج
قسم الكيمياء- كلية العلوم
#كلية العلوم بجامعة الجوف
#جامعة الجوف
#همة حتى القمة
#علاقة الجامعة بالمجتمع
#اليوم الوطني السعودي 89
#رؤية المملكة 2030

كلية العلوم
@sciences_ju
#اليوم الوطني السعودي 89
توحيد وبناء ووحدة وإخاء وتلاحم وعظمة
لهذا البلد المعطاء
فالسعوديون أصحاب همهم وسيصلون إلى
القمم
#همة حتى القمة
دمت يا وطني للمجد والعلواء
د. ابراهيم السهمي
#كلية العلوم بجامعة الجوف
#جامعة الجوف
#علاقة الجامعة بالمجتمع
#رؤية المملكة 2030

#رؤية المملكة 2030



كلية العلوم
@sciences_ju
كل عام والوطن بخير وعزه كل عام وبلادنا
عنوان الأمان والعطاء تتنافس فيها للوصول
إلى القمة بكل همم.
أ/ م. الرشدي
قسم الكيمياء- كلية العلوم
#كلية العلوم بجامعة الجوف
#جامعة الجوف
#همة حتى القمة
#علاقة الجامعة بالمجتمع
#اليوم الوطني السعودي 89
#رؤية المملكة 2030

كلية العلوم
@sciences_ju
دمت يا وطني شامخاً عالياً وطن المحبة
فأنت الأمان والأمان.
أمل الشرعان
سكرتيره وكلية كليه العلوم
#كلية العلوم بجامعة الجوف
#جامعة الجوف
#همة حتى القمة
#علاقة الجامعة بالمجتمع
#اليوم الوطني السعودي 89
#رؤية المملكة 2030

كلية العلوم
@sciences_ju
حمالك الله يا وطني حراً أبياً شامخاً
د. تغريد سطم
قسم الاحياء - كلية العلوم
#كلية العلوم بجامعة الجوف
#جامعة الجوف
#همة حتى القمة
#علاقة الجامعة بالمجتمع
#اليوم الوطني السعودي 89
#رؤية المملكة 2030



Events and posts on the occasion of the National Day



Art competitions and visual presentations

Artistic competitions

Student Raghad Nasser Al-Mufarrij won the second place for best picture on the occasion of National Day.



Visual presentations

The College of Science participated in a visual presentation entitled "Live it Top"

Participations in the promotion of national affiliation on the fifth anniversary of the pledge of allegiance (albayah)



Staff of the College of Sciences, led by the Dean of the College, renew the pledge of allegiance, loyalty and covenant to majesty of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al-Saud.





Strengthen the national identity

Conserve & promote Islamic, Arab & National heritage of the Kingdom

Artistic shows

The college students presented a play entitled "Al-Saud Rulers" written by the student Nidal Al-Dariush and supervised by the head of the student activity committee in the college



Lectures

The student Nidal Al-Driouish presented a lecture entitled "Walk around and watch (Touf W'Shouf)" During the activities of celebrations of the National Day to clarify tourist attractions in the Kingdom of Saudi Arabia







Improve healthcare service

Strengthen prevention against health threats

Awareness lectures were organized against various health risks, most notably



The nutritional benefits of table olives by

■ **Dr. Benamar Cheba**



The use of nanoparticles in the immunological diagnosis of parasites

■ **Dr. Fayez Shaldoum**



Immunological diagnosis of toxoplasma infection by

■ **Dr. Fayez Shaldoum**



Vegetarian or animal, which is better for health?

■ **Dr. Dalia Said Hamza**



Physiotherapy for blood pressure by

■ **Dr. Naglaa Rashad**



Stroke

■ **Dr. Nermin Mosa**



Medicinal plants treatment: benefits and side effects

■ **Dr. Halloumah Bilel**



X-ray imaging to prevent breast cancer by

■ **Dr. Mervat Ragab Atta**



Global epidemic and secret number 100 or 20

■ **Dr. Shaimaa Mohamed Nabil**

Promote a healthy lifestyle

Increase public participation in sports and athletic activities

Internationally

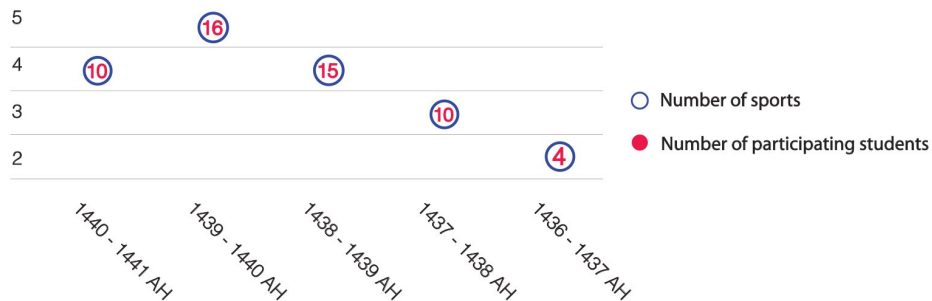
World Universities Championship marathon

Student Jaber Raki Al-Shammari, as the representative of KSA, won the level of the marathon competition of world universities

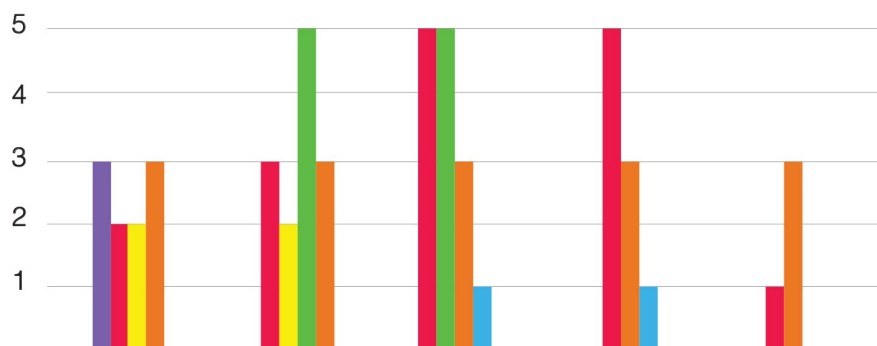


Nationally

The participation of students of the College of Science as representatives of Jouf University in several championships in Saudi universities.



- football
- Volleyball
- Futsal football
- Marathon
- ping pong
- Athletics



The evolution of the college students' participation in the university team in the Saudi university championships

1440 - 1441 AH 1439 - 1440 AH 1438 - 1439 AH 1437 - 1438 AH 1436 - 1437 AH

Promote a healthy lifestyle

Increase public participation in sports and athletic activities

Sports achievements



The participation of students of the College of Science in Jouf University competitions

College students achieved many championships and advanced positions in Jouf University competitions





Reaching the Last Eight



Jaber bin Hayyan team won the championship cup



Student, Mashhour Mallah, won first place
And the student Nidal Al-Draiwish came second



Championship Cup
First place in the freestyle swimming Championships
The student / Youssef Hammoud Al-Shammari
Second place in the freestyle swimming Championships
The student / Ahmed Salman Aqeel
Fourth place in the freestyle swimming Championships
The student / Abdul-Muhaimen Al-Draweesh



Improve livability in Saudi cities

Enhance traffic safety

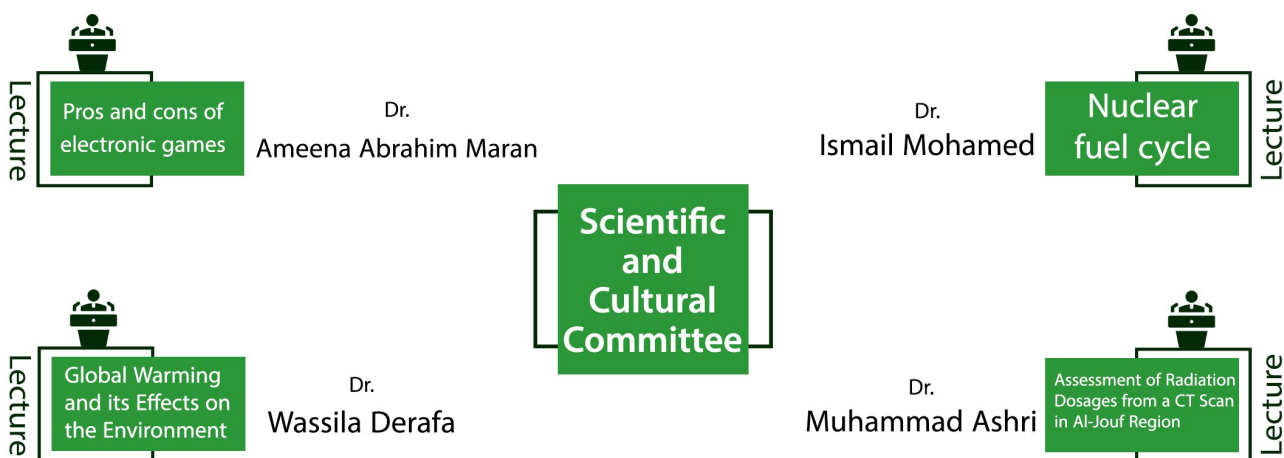
The College of Science participated in the Traffic Safety Club within the activities of the Vice Deanships of Students Affairs for Saudi Universities at Jouf University, where the corner of the College of Sciences included a special activity on traffic safety that includes general advice and guidance for safe driving and important steps for traffic safety as well as instilling the concepts of traffic awareness in female students



Ensure environmental sustainability

Reduce all types of pollution

The college units and committees gave many lectures and workshops to reduce pollution, most notably



Ensure environmental sustainability

Safeguard the environment from natural threats

Believing that protecting the environment and limiting the effects of mankind is a legislative, social, economic and moral obligation and requirement, which is an integral part of development and proper planning, the College of Science has activated the World Wildlife Day as well as providing scientific lectures to protect the environment from natural hazards

- ▶ A workshop entitled "Wildlife Threats and Challenges" presented by Dr. Haifa Saket, D. Mona Saber Azazb and D. Shaimaa Muhammad Nabil, in which he dealt with the concept of nature reserves and their importance and review of the most important natural reserves in the Kingdom of Saudi Arabia as well as a display of plants and animals threatened with extinction.



- ▶ Scientific lectures to protect the environment from natural hazards





Promote Culture and Entertainment

Grow Saudi contribution to arts & culture

The student activity committee of the college was keen on developing cultural activities for the college students and exchanging experiences between its members

Lecture	 <div>Ideas for the Use of Artistic Creativity in Granulating Mathematics for Children</div>	Dr. Abeer Alhashash	Dr. Abeer Al-Dahiman	<div>Academic pressure and developing the skill of studying math</div> 	Lecture
Lecture	 <div>Bees between Building Engineering and Production Quality</div>	Dr. Fatma Hussein Jalal	Dr. Manal Al-Rawdan	<div>Mathematics among Arabs and Muslims</div> 	Lecture
Lecture	 <div>Nobel Prizes changed the course of history</div>	Dr. Islam Abd Al-Tawab Sayyed	Dr. Mervat Abdelaziz Elsherif	<div>The Chemical Miracle in the Holy Quran</div> 	Lecture
Lecture	 <div>Body Language</div>	Dr. Rania Hosny	Dr. Amal Abdelfattah omar	<div>3D imaging using the hologram technique</div> 	Lecture
Lecture	 <div>Bee venom between harms and benefits</div>	Dr. Naglaa Rashad Atta Allah	Dr. Wassila Mamar Derafa	<div>The periodic table and its importance in chemistry</div> 	Lecture



Create an empowering environment for Saudis

Enhance family involvement in preparing for their children's future

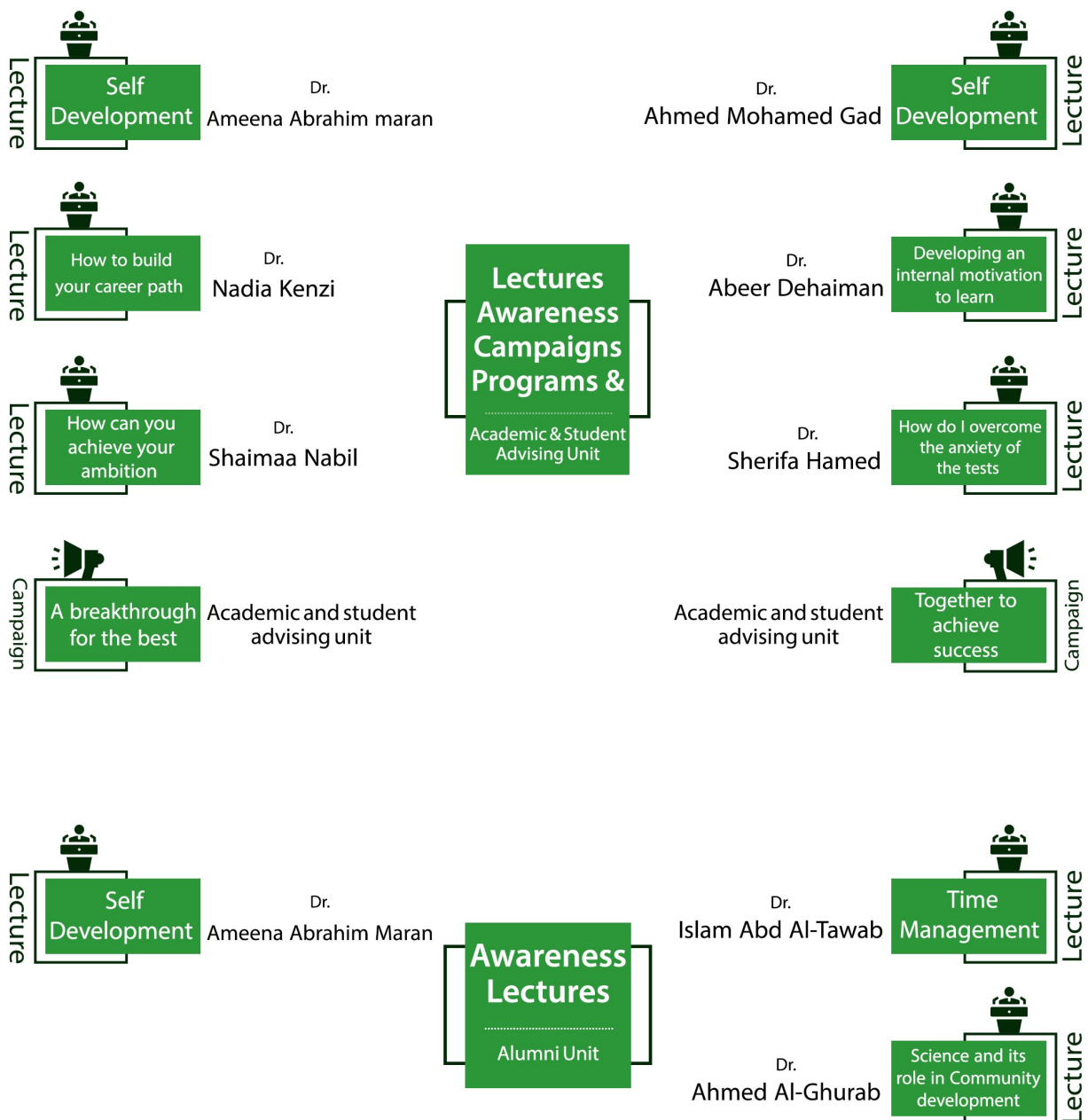
The College of Sciences has worked to consolidate the relationship between the family and the educational environment for their children to achieve the educational goals pursued by both parties. The College has promoted these goals through the participation of male and female students' parents, the first scientific forum for graduation projects, which is the first event at Jouf University. The forum included displaying 33 scientific posters for student graduation projects for the departments of the College of Science, in which our male and female students discussed all their results, while reviewing the different ideas for each graduation project.



Create an empowering environment

Develop positive attitude, resilience and hard-work culture among our children

The units and committees of the College of Science have worked to promote the positive values of their students by providing many lectures and awareness campaigns, most notably



Chapter two

ThrivingEconomy





Thriving Economy
Increase employment

Develop Human Capital in line with labor market needs

Build a life- long learning journey

Bachelor's degree

Students holding the first and second honors degrees for the academic year 1440-1441 A.H.



First honors degrees

Chemistry department

Jabir bin Sbeitan bin Yahya al-Sharari	4.89
Ruba bint Ali bin Saud Al-Olayan	5
Shahd bint Khalid bin Muhammad Al Sarhani	4.99
Doaa Imad Abdel-Gawad Abdel-Wahed	4.96

Physics department

Sara bint Ebrahim bin Salem Al-gadwaa	4.97
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Biology department

Hani Bin Hamid Bin Ayed Al-Sharari	4.94
Raghad Bint Ahmed bin Mazal Al-Ruwaili	4.77
Alaa Naif Zaal Al-Sharaan	4.76

Mathematics department

Muhammad bin Naem bin Nadi al-Mari	4.93
Ibtihal bint Dalyan bin Khanfour al-Dalyan	4.91



Second honors degrees

Chemistry department

Abdulaziz bin Ghannam bin Numan Al-Ruwaily	4.45
Fadia Bint Farhan bin Sadah Al-Ruwaili	4.66
Nayefa Essam Mohamed Arabi	4.61
Taif bint Ali bin Qaid al-Shammari	4.53
Aseel Bint Ibrahim bin Abdullah Al-Wishah	4.31

Biology department

Walid Bin Hamid Bin Mubarak Al-Sharari	4.3
Anwar Melhem Saleh Al-Ruwaily	4.65
Nazih Mohamed Nasouh Chakra	4.55
Milaf Bint Nawwaf Bin Hajaj Al-Mazhour	4.56
Hanan bint Hamad bin Ahmed Al-Muhaisen	4.54
Taghreed bint Khalid bin Muslim Al-Shammari	4.5
Mada Hagee Mansour Al-Ruwaily	4.48
Nouf Khalaf Muraizeeq Al-Mersal	4.47
Abeer Bint Muhammad Bin Amshan Al-Hassan	4.46
Sahar bint Ziyad bin Muhaimid al-Daraan al-Khalidi	4.45
Hanouf bint Muhareb Bin Hillel Al Anzi	4.31
Wafa bint Mohammed bin Abdul Mohsen Al-Buhairan	4.28

Mathematics department

Abdullah bin Badi bin Swailem Al-Shammari	4.6
Faisal Bin Abdul Hadi Bin Suwaid Al Shammari	4.51
Abdul Majeed Bin Najeh Bin Marzuk Al Shammari	4.25
Shahd Bint Saeed Bin Freeh Al-Shammari	4.72
Areej Hasan Ali Al-Amir	4.64

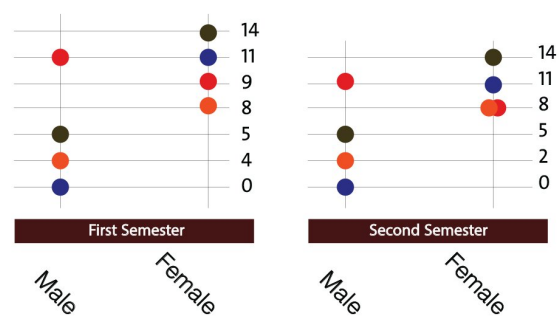
► Student grades

Estimates	First Semester	Second Semester
A+	850	1872
A	650	1092
B+	705	752
B	749	547
C+	774	302
C	815	137
D+	642	59
D	1194	21
F	1225	0

Graduate Studies

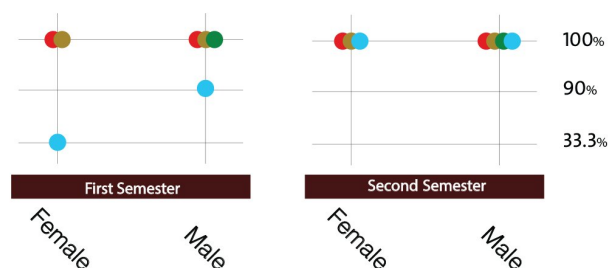
The actual study began with the graduate studies programs of the college departments in the first semester of the academic year 1440-1444 AH. 62 male and female students enrolled in master's programs

- Master of Science Program in Microbiology
- Master of Science Program in Chemistry
- Master of Science Program in Physics Physics course in Materials Science
- The Master of Science in Mathematics program of Applied Mathematics



► The success rate of graduate students

- Master of Science Program in Microbiology
- Master of Science Program in Chemistry
- Master of Science Program in Physics Physics course in Materials Science
- The Master of Science in Mathematics program of Applied Mathematics

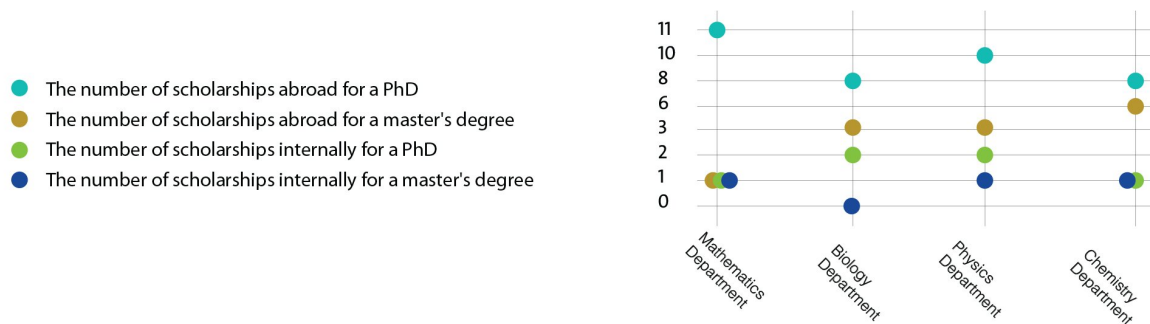


Develop Human Capital in line with labor market needs

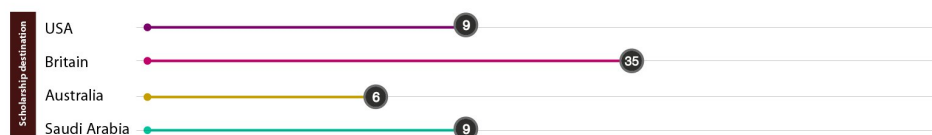
Scholarship

Nearly 59 Scholarships and scholarships from Jouf University's College of Sciences were sent to many foreign and Arab countries to obtain a master's and doctorate degree, for universities classified internationally with a Shanghai ranking.

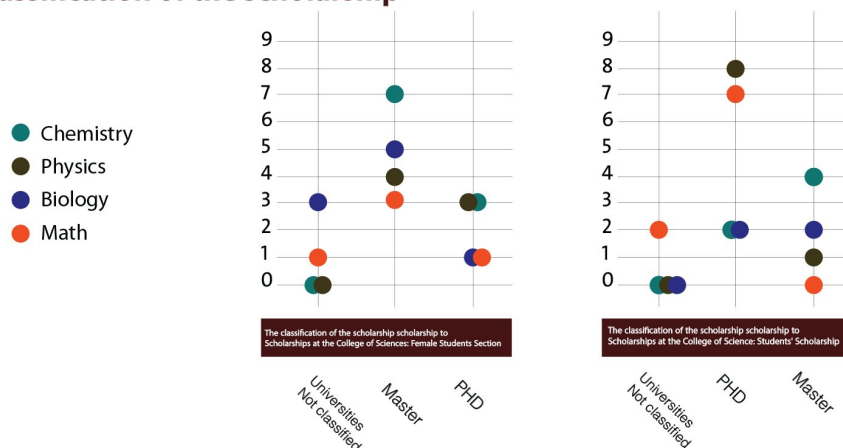
Numbers of Scholarships and Scholarships by Type for the Academic Year 1440-1441



The number of scholarships and scholarships according to authority for the academic year 1440-1441



The classification of the scholarship



► College scholarships for a master's degree

Mathematics department

Instructor
Khaled Ali Al-Muhammadi

(Pure Mathematics)
from the University of Flinders, Australia,

the title of the thesis is
"Application of Fisher Kolmogorov Equations in Breast Cancer

Instructor
Faten Musaed Saud Al-Ruwaili

(Statistics Specialization)
from King Abdulaziz University in the Kingdom of Saudi Arabia

the title of the thesis is
"A statistical study on the limited mixed models of Laplace

Instructor
Jazia Muhammad Al-Shammari

(Statistics Specialization)
from Taibah University in the Kingdom of Saudi Arabia

the title of the thesis is
"System of Fractional Differential Equations and their Applications

physics department

Instructor
Zarifa Muhammad Abdullah Al-Shammari

(Physics major)
from King Faisal University in the Kingdom of Saudi Arabia

the title of the thesis is
"The effect of oxidizing and reducing environment on the electrical conductivity of CNTs made by chemical deposition by CVD evaporation and its applications on the gas sensor

Instructor
Sheikha Awaid Marzouq Al-Shammari

(Optometry)
from King Abdulaziz University in the Kingdom of Saudi Arabia

the title of the thesis is
"Physical preparation and diagnostics of nickel-inverted hematite for its biomedical applications

Instructor
Noha Abdulaziz Saleh Al-Muwaisheer

(Physics major)
from King Abdulaziz University in the Kingdom of Saudi Arabia

the title of the thesis is
"Preparation and characterization of carbon nanotubes to remove pollutants from liquid waste

Biology department

Instructor
Dalal Mutlaq Najeh Al-Anazi

(Specialized in Plant Molecular Genetics)
from Florida Agricultural and Mechanical University in the United States

the title of the thesis is
"Analysis of protium and phosphoprotein in rice ears when responding to heat stress

Instructor
Duaa Abdul Jabbar Al-Salman

(Plant Pathology)
from Emporia State University in the United States

the title of the message
"Early growth patterns of closed and open flower buds, germination of seeds, comparison of the production of closed and open flower seeds in Sericea Lespedeza

► The college scholarships get a PhD

Mathematics department

Lecturer
Abdel Mohseen Al- Al-Ruwaili

(Applied Mathematics)

thesis title
Patterns in an Elastic Bar

Biology department

Lecturer
Barakat Maali Al-Rashidi

(Biology in molecular neuroscience and medical immunology)
from Dalhousie University, Canada

thesis title
CONTRIBUTION OF THE VOLTAGE-GATED SODIUM CHANNEL NAV1.6 AND TOLL LIKE RECEPTOR 2 IN THE PATHOPHYSIOLOGY OF EAE

Faculty members promotions

► Promote faculty members to the professor degree

Dr. Syed Ahmed Ould Ahmed Mahmoud

(Functional Analysis)

► Promotion of faculty members to the degree of associate professor

Dr. Hazem Mohamed Ali Mahran

(Analytical Chemistry)

Dr. Mervat Bakhit Ahmed

(Embryology)

► Promoting the lecturers to the rank of Assistant Professor

Dr. Hadi Obaid Al-Shammari

(majored in Mathematical Analysis)

Dr. Youmna Saleh Al-Ruwaily

(Mathematics major)

Lecturer

Barakat Maali Al-Rashidi

(Biology in molecular neuroscience and medical immunology)

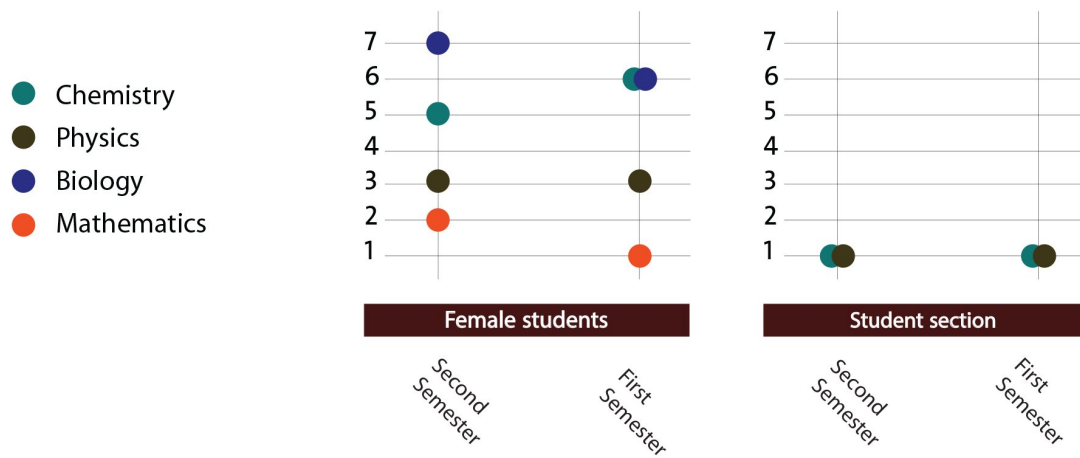
Develop Human Capital in line with labor market needs

Improve equity of access to education

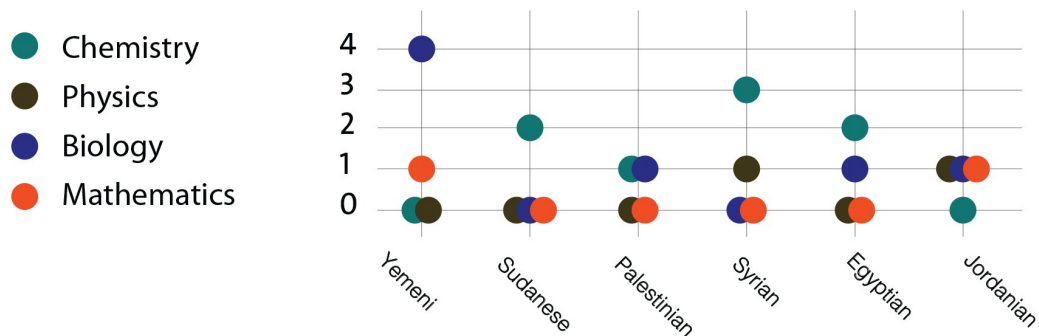
fellowships

► Numbers of male and female scholarship students at the undergraduate stage for the academic year 1440-1441

The College of Science is keen to provide support to scholarship students and monitor their performance through the Academic Advising Unit and the Student Affairs Unit



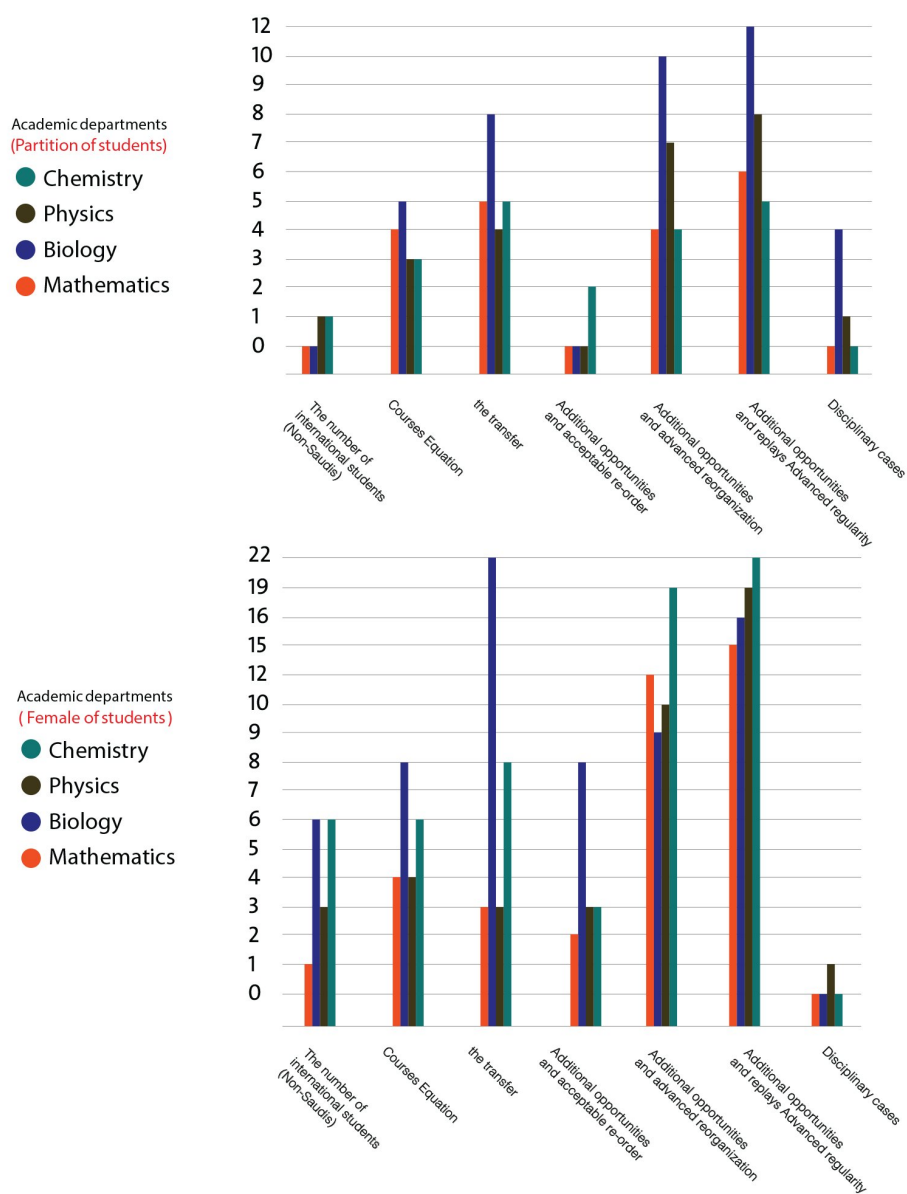
► Number of scholarship students by nationality



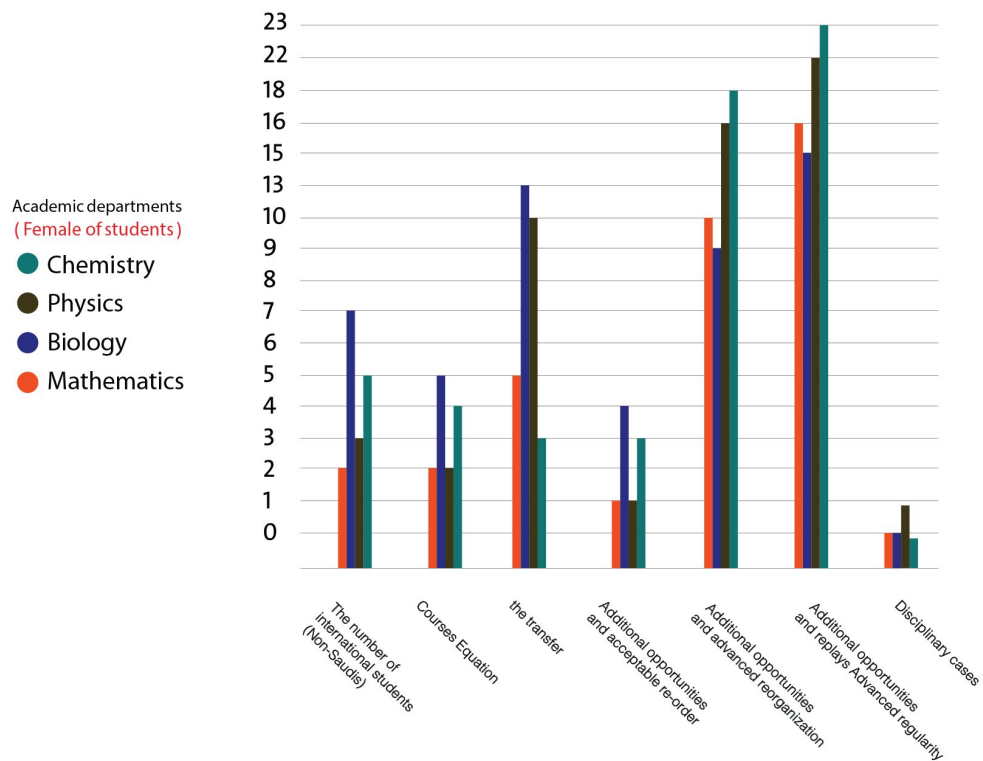
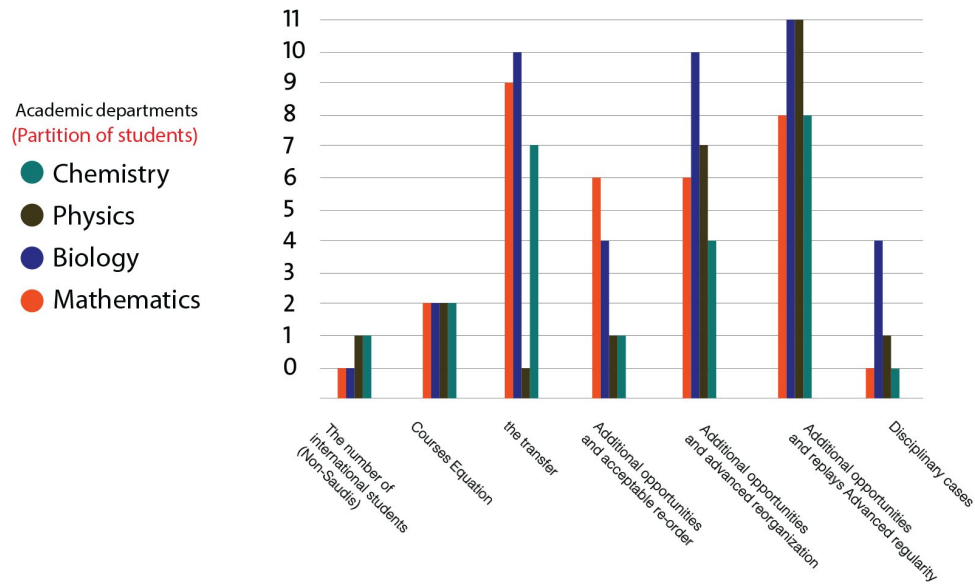
Student cases

► Student cases, Faculty of Science, for the first semester

The Academic and Student Guidance Unit, in coordination with the Student Affairs Unit, monitors student cases for early detection of non-performing students, counting students with additional opportunities, and providing support to student cases in the college by setting a plan to address academic failure in the college



► Student Cases, Faculty of Science, for the second semester



Develop Human Capital in line with labor market needs

Improve fundamental learning outcomes

- Average analysis of student survey results (for assessing courses) for the first semester of the academic year 1440-1441 A.H.

Program	First Theme: The beginning of the course	Second Theme: What happened during the course (progression)	Third Theme: Evaluation of the course	Fourth Theme: Overall Evaluation
Chemistry	4.33	4.28	4.31	4.32
Physics	4.40	4.44	4.29	4.16
Biology	4.41	4.39	4.39	4.40
Mathematics	4.31	4.29	4.27	4.29

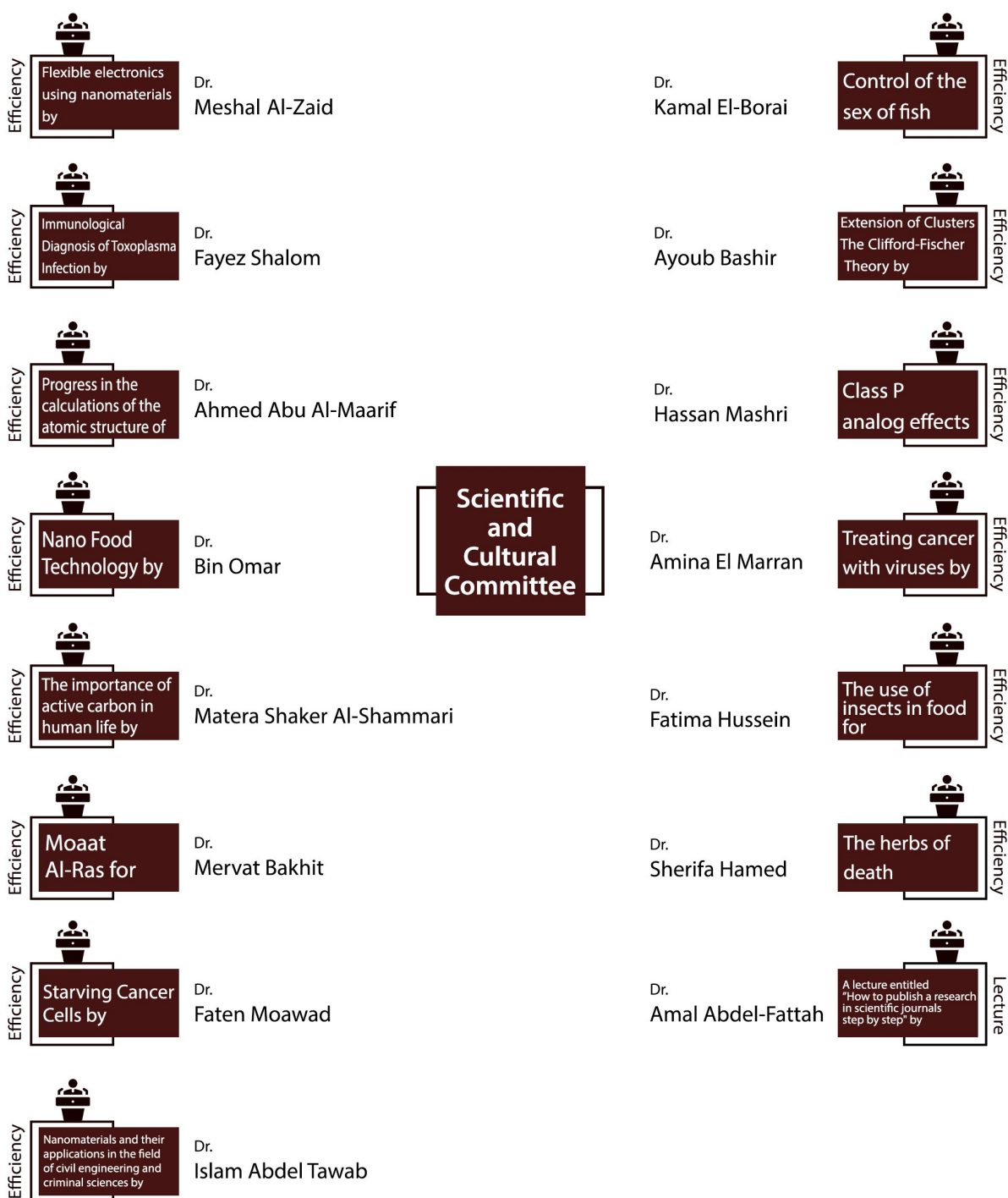
- Average analysis of student survey results (to evaluate courses) for the second semester of the academic year 1440-1441 A.H.

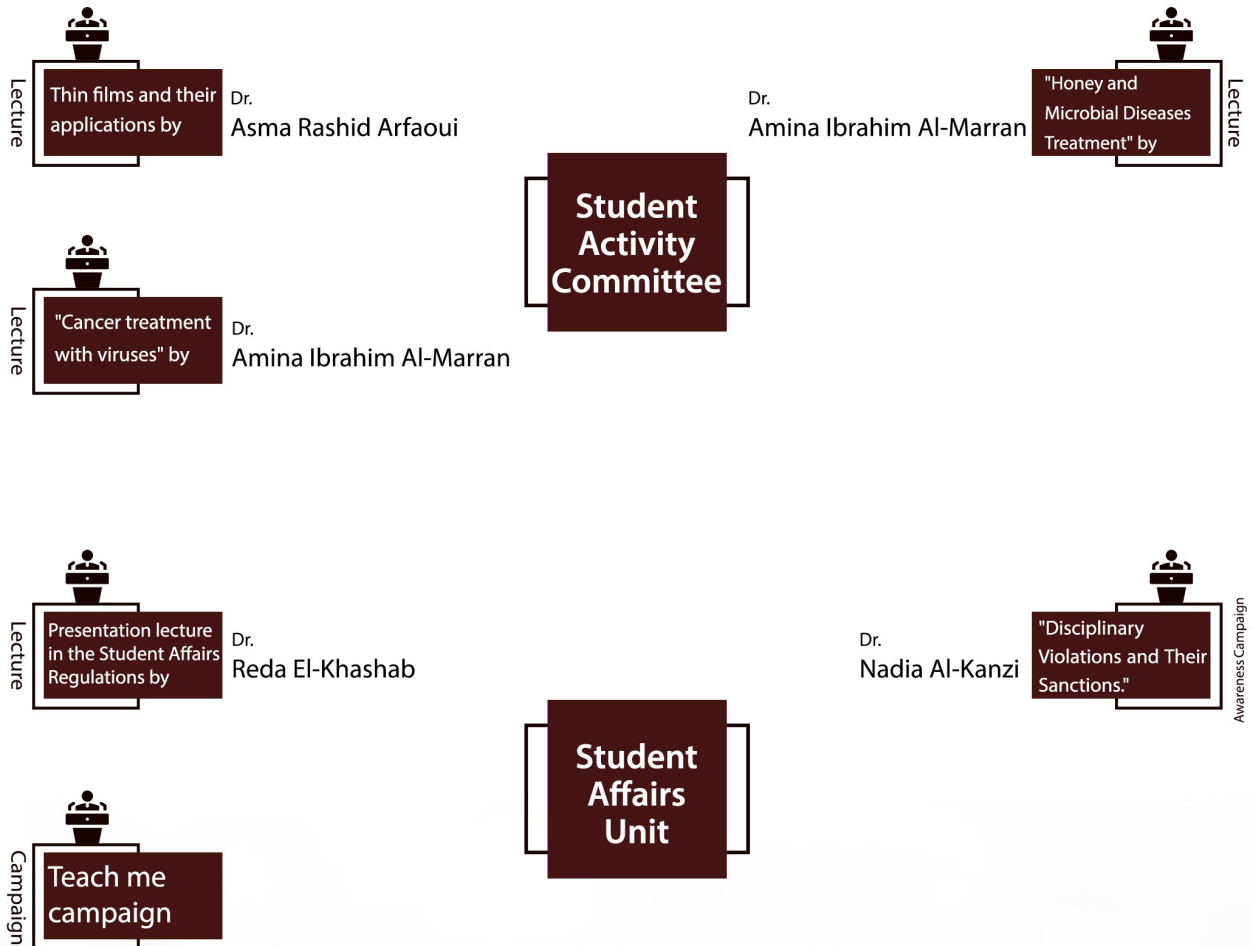
Program	First Theme: The beginning of the course	Second Theme: What happened during the course (progression)	Third Theme: Evaluation of the course	Fourth Theme: Overall Evaluation
Chemistry	4.01	3.98	4.16	4.13
Physics	4.24	4.44	4.27	4.44
Biology	4.41	4.4	4.32	4.38
Mathematics	4.45	4.45	4.44	4.45

Develop Human Capital in line with labor market needs

Develop our brightest minds in priority fields

Among the most prominent of these scientific events, committees and units in the college have been keen on exchanging experiences between their members







Develop Human Capital in line with labor market needs

Ensure alignment of educational outputs with labor market needs

► Courses that serve the labor market

Within the framework of the faculty being an educational and research institution accredited locally, regionally and globally and a center for excellence and development in education, scientific research, community service and environmental development in accordance with the college's vision, so a number of decisions were adopted that serve the labor market and are as follows

The Academic Program	The Course Title
Chemistry	Photochemistry
	Chemistry of natural products
	toxicology
	Environmental chemistry and pollution
	Petrochemical industries
	Industrial analysis
	Laboratory and safety management
	Polymer chemistry
Physics	Surface Chemistry and Drilling
	Solar energy transitions
	Medical physics
	Laser physics
	Electronics
Mathematics	Nuclear physics
	Maths
	Numerical analysis
	Introduction to mathematical programming
	Calculus
	Statistics
Biology	Complex analysis
	Mathematical economics
	Genetics
	General entomology
	Desert environment
	Economic plants
	Biodiversity
	Pollution and environmental protection
	Parasitology
	Environment and animal behavior
	Funa, Saudi Arabia
	Flora of Saudi Arabia

Develop Human Capital in line with labor market needs

Expand vocational training to provide for labor market needs

Scientific visits

The College of Sciences, in cooperation with the Scientific Club of Al-Jouf University, organized a visit to the Al-Jouf Water



The College of Sciences organized a visit to the North Olive Press in Dumat Al-Jandal, to educate students about the history of the press, its origins and stages of production development, and to clarify the role the press plays in serving Al-Jouf region.



The College of Sciences organized a visit to the "Food Safety Laboratory in the Al-Jouf Municipality" to familiarize students with the capabilities of the laboratory and the role it plays in detecting food adulteration and a tour of the various laboratory departments.



Laboratory courses

The Laboratories Committee in Science College organized a training course entitled "Training in computer software in laboratories" to train students on how to use computer programs in each department, such as using the Chem draw program to draw chemical compounds. As well as the use of Excel to draw functions and apply this to the results of a practical experiment and the use of Photoshop, 3D and PowerPoint programs in coordinating biological graphics.

The Laboratories Committee presented a series of scientific lectures entitled "Virtual Labs" to explain the use of virtual laboratories because of their features that help in developing the educational system through applications used on computers in all fields of science, to conduct various experiments, through which a laboratory simulation Real science and linking the practical side to the theoretical side.



The Laboratories Committee of the Biology Department organized a workshop on how to separate the protein electrophoresis using the Poly Acrylamid Gel (PAGE) technique for faculty members and students of advanced levels in the Biology Department program.

The Laboratory Committee of the Biology Department organized a workshop on how to deal with experimental animals and biometrics methods for the students of the department in order to identify the types of experimental animals, the way to deal with experimental animals, different injection methods, sampling methods (blood - organs - sperm) How to design scientific experiments.

Ensuring equal access to job opportunities

Improving readiness of youth to enter the labor market

► Students Graduation Projects

Graduation projects are considered a real move for the university student and more than excellent preparation to start from becoming a productive person when joining work. This is why ideas and goals of graduation projects at the College of Science were distinguished by the effective impact in preparing the student for the labor market. Among the most prominent of these research projects are the following:

Chemistry Department

The Project Title	Supervisor	Students Name
Survey of Some chemicals manufacture in waad alshamal	Prof. Dr. Nayef Saleh Al-Muaikel	Abdelmajeed M. Alrwaily
Removal of Cr(VI) by Hydroxy Magnesium Silicate (HMS) /Mano Fe ₂ O ₃ Composite		Gaber Sobitan Yahia Elsharari
Assessment of suspended particulate matter levels in an industrial area in Sakaka city		Abd Elaziz Ghanam Al-Ruwailli
Determination of the job exchange capacity for some materials	Dr. Mahmoud Mohamed Kamel Abou Bakr	Turkey Abdel Karim Almokbel
Food Waste as a Valuable Research for the Production of Chemicals, Materials and Fuels	Prof. Dr. Hassan Mohamed Ahmed	Gharam Mirdi Alruwili
Synthesis, reactions, and biological activities of rhodanine derivatives	Wael Abdelgayed Ahmed Arafa	Anwar bint Enad bin Saaran Al-Ruwaili
NANOMATERIALS IN PHOTO-DRIVEN SELF CLEANING APPLICATIONS	Amr Abd ElNaby Ibrahim Essawy	Rawan Motared Elkwaikby
Extraction and separation of phosphate rocks	Mutairah Alshammari	Aseal Oshih ,Nashmiah Alsarhani Shahed AlRowely
Nanomaterials	Dr. Asma Majed Alenad	Fatima Mohammed, Albandari Al sharary Jawaher Alenzay
Preparation and Characterization of spinel like structure metal aluminates	Prof. Dr. Basma Ali Ali Balboul	Hadeel abdallah alshamari Roba Ali ALalyan
Design, Synthesis of new pyrazole bearing 1, 5, 10, 10a-tetra hydro benzo [g]quinoline-3-carbonitrile	Nadia Ali Ahmed Elkanzi	May Mukammi Alruwaili Enas Daham Alruwaili

Synthesis, Molecular Modeling and Antimicrobial Activity of new pyrazole bearing 1, 5, 10, 10a-tetra hydro benzo [g]quinoline-3-carbonitrile

Reactions and biological activities of 3-acetylindole

Synthesis, characterization, and application of new supported polymeric nanocomposites

Nanocatalysis synthesis and application

Synthesis and characterization of newly synthesized Schiff base ligand and its Ag, Co complexes

Synthesis caractérisation, and electrochemical study of binuclear hexadentate Schiff base ligand and its Co (II)-L

Biological and pharmaceutical activity of Schiff bases derived from dehydroacetic acid

Electroxydation of alcohols with Schiff bases complexe salen of Ni and Cu

Synthesis, characterization, and thermic study of Schiff bases mono and binuclear Cu an Mg complexes

Nadia Ali Ahmed Elkanzi

Amira Atef Mahmoude

Rehab Galal Elsharkawy

Rania Hosny Taha

Wassila Mammar Elmaki Derafa

Wassila Mammar Elmaki Derafa

Rahaf wadi almatrafi
Hadeel khamees alshary

Anod Elanzy

Nayfa essam, Fouz kamel

Shahd khaled ,Shahd Gharby

Fadia Farhan Alruwili
Mahoud Falah Alruwili

Hanadi Thani Elsharari

Nada Mohamed Hashim Almohamed

Hanan Athal Dafe Al-Ruwaili
Rahma alsukhni Mahdi Alenzi
Aicha Marikh Abd Arrahman Eshamary

Taif Ali Qaedh ALshammri
Rahaf Awdah Shabib Alruwaili
Maryam Ahmad Salem Hmoud ALnosayri

Physical Department

The Project Title

Modelling of temperature and stress distributions in solid state lasers

Arduino electronic Circuit and code used as Third eye for blind people

The structural, electrical, and magnetic properties of a compound InSe₁ 0.05 (Te)₁ 0.05Fe_{0.05} And use it as a dilute magnetic conductor

Titanium nano tube and its applications

Studying the characteristics of some semiconductor devices

Supervisor

Dr. Reda Mohamed Elsaid El-Agamy

Dr. Masoud Mohamed Ahmed Mostafa

Dr. Hanan Hasan Hantour

Dr. Randa Saad Ali

Students Name

Abdulaziz bin Saad Al-Shammari
Abdul Ilah bin Nasser Al-Dandan

Mohammed bin Ahmed bin
Mohammed Al-Shaghdali

Rahaf bint Hamoud Al-Rudaini
Wafa bint tired Sharari

Sara Ibrahim Salem Al-Jadoua
Amira Hajjaj Mansi al-Jarbu
Noir Saadoun Issa Al Rayes
Wijdan Ahmed Faleh Al-Sarhani
Maram Hillel Bandar Al-Ruwaili

Ghadeer Salim Al-Sharari
Ahoud Ayed Al-Sharari

Measurement of Human Hair and electrical wire diameters by He-Ne Laser

Dr. Amal Abdefatah Omar

Al Anoud bint Al Sabila

Study the effect of indium on the physical properties of chemical composition: $\text{La}_{0.7}\text{Er}_{0.05}\text{Sr}_{0.15}\text{Ca}_{0.1}\text{Mn}_{1-x}\text{InO}_3$ $0 < x < 0.2$

Dr. Nadia Saleh Zaidi

Thany Bandar contained
Reem Fahd Al Sharari
Al Anoud Patel Al Otaibi
Bashaer of Barakat Al-Hewiti
Afnan Salman Al-Fihaqi

Morphological and electrical properties of silicon oxide deposited on silicon

Dr. Ahlam Muhammad Sharif

Hana Abdul Rahman Al-Daraan
Afra Modhy Shammari

Effect of rf plasma intruding on mechanical properties of titanium Plasma nitriding

Dr. Al-Zahra Ali Abdel-Mawla

Maha Bint Jihad Al-Zaid
Amani bint Fayyad Al-Ruwaili
Rahma Tarfaa Altrfawy

Survey on Nuclear Power Research Reactors

Dr. Sonia Mohamed Reda

Waad Bint Saleh Al-Shammari
Gehan bint Hillel Al-Ruwaili
Amani bint Khalaf Al-Ruwaili
Amal Bint Mofleh Al-Ruwaili

Biology Department

The Project Title	Supervisor	Students Name
Cortical insect palm	Dr. Abdulsalam Abdulhadi Alkhaldi	Rayan bin Ayed Al-Ayyaf
Malaria Disease		Faisal Ghaleb Alrashidi Zayed Shaiz Alruwaili
Vegetative growth and phenotypic differences of some olive varieties	Dr. Bassam Fares Alowaiesh	Suleiman Salih Suleiman Al-Odah Odah Saleh, OdahAl-Otaibi
Variation in inflorescence of three olive cultivars		Khaled Hammad Al shammari Abdulaziz Mutlaq Albaqawi
Evaluating the effectiveness of virgin nickel urine as antifungals for some fungi	Prof. Dr. Hani Mohamed Awad Abdelzاهر Hussein	Sunaid Asweed Alshammari Fawaz Malfi Turki al-Shammari Ziad Madi al-Shammari
Record of a serious contamination with Aspergillus flavus for some seeds of packaged peanuts prepared for sale		Khaled Deef-Allah Falah Alsharari
A comparison of the effect of the male hormone supplementation in food and water on the sexual transformation of guppies	Dr. Kamal Fathy Mohamed Elboray	Omar Owaida Al-Ruwaili Issa Freih Al-Rashidi
The effect of cadmium on the growth of Guppy fish (<i>Poecilia reticulata</i>)		Fahd Hamoud Dakhel Elanazy
Antimicrobial activity test for some olive presses	Dr. Ben Omar Cheba	Hani bin Hamed Al-Sharari Nawaf bin Fendi Al-Anzi Saud bin Muhammad al-Ghulul
Protease production from fermentation of some olive oil wastes		Omar bin Hammad al-Shammari Shihan bin Mohammed al-Shammari

The effect of aqueous extract of Robbia Maritima on the germination and growth of wheat grains grown under the influence of saline stress

The effect of some seaweed extracts on the growth and germination of some plants

Use of plant extracts to remove the negative effect of saline stress on seed germination

Removal of the salinity negative effect using some aqueous extracts of green and blue green algae

Plant diversity in the vicinity of Lake Domat Al-Jandal

Floristic composition and species richness of weed communities in Dawmat Aljandal

Dangers of infection with parasites common between humans and wildlife

The distribution of blood groups among a random sample from Al-Jouf residents

Bacterial presence in the waters of Lake Dumat Al-Jandal

The protective role of olive oil on the liver and kidneys of experiments treated with EDTA

A comparative anatomical study on the changes induced by the nanium calcium oxide and silver nanoparticles on two types of fish.

Study the negative effect of sodium benzoate as a preservative on laboratory mice

The combined action of olive oil and Aloe vera in accelerating the wound healing process.

Therapeutic applications of some arthropods

Effect of some chemical and organic fertilizers on the growth of Trichoderma harzianum

A study of some aspects of the vegetation cover of Al-Shuqaiq village in Al-Jawf region, northern Saudi Arabia

Study of some aspects of vegetation in the village of Kha'aa in al-Jouf region in northern Saudi Arabia

Viruses (Coronavirus-Covid 19)

Dr. Osama Mhall

Dr. Ibrahim Bayoumi Abdel-Farid Ali

Dr. Nasr Hassan Gomaa

Dr. Fayeze Mihamnad Ahmad Shaldoum

Dr. Mohamed Rawi

Dr. Fathy Elshaer Mohammed Khalil

Dr. Diaa Fawzi Mohamed Mahmoud Massoud

Dr. Ahmed Saffar

Dr. Ameena Ebrahim Maran Alsurhani

Dr. Haifa Abdul Aziz Sakit AL Haithloul

Dr. Salam Salem Alsharari

Osama bin Saleh Al-Ali
Rakan Abdul Rahman Al-Mutairi
Sultan bin Mosaed Saud Al-Rashidi

Moayed Faisal

Muhammad Saud bin Hazim al-Sharari
Bashir Yahya bin Fnattal Al-Anzi
Khaled Dhaif Allah Al-Sharari

Ibrahim Ben Hadian Al-Rashidi

Mashhor Mallah Al-Ruwaili
Rakan Talal Al-Dameeri
Dable Mohammed Al-Sharari

Khaled Alkhabor

Mishary Ahmed Al-Sharari

Muhammad Mansour Ali El-Zubeir

Majed bin Khalid Al-Aweqail
Walid bin Hamed Al Sharari

Mishary Mohammed bin Dabel Al-Sharari
Nawaf Hamdan bin Hamid Al-Sharari

Methkal bin Falah bin Salim Alshemari

Tariq Ziyad bin Abdullah Al-Tamimi
Badr Saad bin Bahl al-Ruwaili

Badr Abd El-Aziz Abd Allah Al Enzy

Thamer bin Aqeel bin Hamed al-Sharari

Hanouf, Mohareb Al- Enazi
Hanan Hamed Al-Muhaisen
Abeer Mohammed Al-Hassan

Hanan Al Sakhry
Magd Al Sakhry
Wafa Al-Shammari

ASIA MADI MLAHI ALRWILLI
BASMAH SALEH ASAF ALRBIAANALFUHAIGI
GADEER MADI MULAHI ALROWAILI

Tagreed Samir al rawuaili
Safa nawaf Alshammari
Sarah mohammed al rawuaili

Effect of plant extracts on seedling growth of some crops	Dr. Taghreed Stum Alnusaire	Ghadeer Abdul Razzaq Al-Anzi
Effect of Aqueous Extract of Guava and Rosemary on Seeds Germination		Asia mohammad almofarej Fatima Fahid Al-Sabila Amwaj Nayah ALShammari
Effect of nanjha seeds on the liver of mice exposed to deltamethrin	Dr. Mashaël Al-Hamidi Al-Otaibi	Nouf Khalaf Muraiziq Al-Mersal
Study the mating behavior of obscure beetle	Dr. Fatma Hussein Galal	Raghad bint Ahmed Al-Ruwaili Taghreed bint Khalid Al-Shammari
Medical use of order: Coleoptera		Afnan bint Abdulaziz bin Al Rawi Al-Ruwaili Alaa Bint Menahi Bin Arar Al-Ruwaili Abla bint Musnad bin Al-Hoshan Al-Saadi Reef bint Reda bin Barak Al-Fuhaqi
Knowledge and attitudes of pregnant women in Al-Jouf region towards taking the influenza vaccine	Dr. Mervat Bakhit	Amal Abdullah Ruidan Al-Ruwaili
Microbial contamination of bottled drinking water in the city of Sakaka Al-Jouf	Dr. Shaimaa Mohamed Nabil Mostafa	Shorouk Nawwaf Hajjour Al- Mazhor
Isolation and Identification of Pathogenic Fungi from Marine Tilapia in different locality of KSA		Gamaa Bint Abdullah Al-Khaibri Reem bint Abdul Rahman Al-Hassan Awatef bint Mu'iz Al-Ruwaili
Taxonomic studies on some types of fish	Dr. Mona Saber Azab Afify	Zhoor Faleh Al-Sharari
Biological studies on some fishes from different areas of KSA		Monira Salm elshirary Maha mofdi el sharary Samira Mohammed eldoihy wegdan sultan aliqol Lama Karim elanzay
The protective role of salmon oil against toxicity resulting from anti-cancer drug	Dr. Sherifa Hamed Ahmed	Mada Mhagaa Al-Ruwaili
Study of the harmful effects of mobile radiation on the young		Sahar Salbi Al Shammari Maha Faraj Sherida Al Hazmi
Intestinal worms in rabbits	Dr. Hanan Taher Hamza	Twafek Hazaa Al-Shammari
Parasites spread in the surrounding environment		Walaa Mahmud Albrak Wafaa Mohmed Albohiran Rawan Atia Alroaily
Comparative physiological studies on the effect of pomegranate and basil plant extract on oxidative stress induced by cyclophosphamide on male rabbits	Dr. NAGLAA RASHAD ATTALAH HARES	Farah bint Naif Al-Ruwaili
The therapeutic role of Egyptian Hegel and cream extract on the toxicity induced by the drug carboplatin in male rabbits		Shahd Garde Rouili
The therapeutic role of grape seed and nigella sativa extracts on the toxicity induced by methomyl in male rabbits		SHOUG FAIZ OBLDALLAH AKEEMALGUENLVZ REEM MOHMMRD ALABDLY ALFHEGE SAHAR ZEYAD MOHAMEED ALRUBAALDERAAN RANEEM NAYF MOHAMAD ALKHADER BEDOUR JASSIM HOITI ALFURAJIALRUWAILI
Morphological and anatomical studies for some crustaceans in the Kingdom of Saudi Arabia	Dr. Dalia Saeed Al-Sayed Hamza	Anwar Melhem Saleh Al-Ruwaili
Antifungal activities of bacteria isolated from olives wastes	Dr. Raja Mohamed Jarbou	Raghad Farhan, Manel ElAnzi Majida Rwili

- The Graduates Unit has been keen on preparing graduate students for the labor market by providing several lectures and campaigns, most notably





Ensuring equal access to job opportunities

Increasing women participation in the labor market

► Recruitment: Employment of female graduates and their enrollment in postgraduate studies

Our newly graduated students from the College of Science possessed many possibilities and creative talents that allowed them to obtain leadership positions in the labor market and was among the most prominent



Mashaël Mashal Al-Muwaisheer

Graduate from 1439-1440 AH, appointed to the private sector

Raghad Hussain Ayda

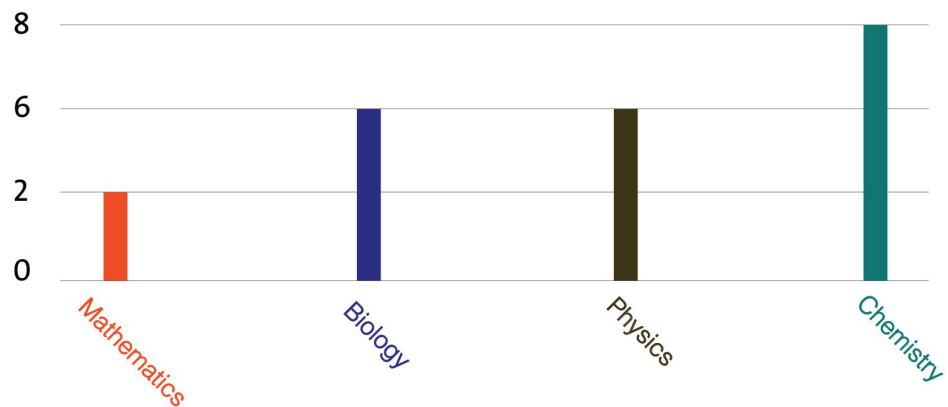
Graduate from 1439-1440 AH, appointed to the private sector



Munira Mutlaq Sameh Hamdan Al-Sharari

Graduate from 1439-1440 AH, appointed to the private sector.

► Others of our students enrolled in graduate programs



Enable job creation through SMEs and Micro-enterprises

Nurture and support the innovation and entrepreneurship culture

Students of the College of Sciences published scientific research in international journals classified from their graduation projects

Student, **Jasser Muhammad Al-Ruwaili**, published a scientific research entitled selective, effective and complete deposition of ionic dyes in aqueous solutions using "Ag @ PbCO₃ nanocomposite" in the journal *Inorganic and Nano-Metal Chemistry* under the supervision of **Dr. Amr Mohamed El-Sayed Nassar**, **Dr. Nasser Fahd Al-Otaibi** and **Dr. Tariq Saif Al-Nasr**. The idea of the research is the process of removing highly melting ionic dyes in water with high toxicity with a high efficiency of 100% in an easy and fast way through the process of sedimentation, filtration and obtaining clean water after recycling from dye solutions using the nanometric compound .Ag@PbCO₃

INORGANIC AND NANO-METAL CHEMISTRY
https://doi.org/10.1080/24701556.2019.1661463

Taylor & Francis
Taylor & Francis Group

Check for updates

Selective, efficient and complete precipitation of anionic dyes in aqueous solutions using Ag@PbCO₃ nanocomposite

N. F. Alotaibi^a, A. M. Nassar^b, **G. M. Alruwaili^c**, A. Seaf Elnasr^{d,e}, and E. F. Abo Zeid^d

^aChemistry Department, College of Science, Jouf University, Sakaka, Saudi Arabia; ^bChemistry Department, Faculty of Science, Al-Azhar University, Nair City, Cairo, Egypt; ^cChemistry Department, Faculty of Science, Al-Azhar University, Assiut, Egypt; ^dPhysics Department, Faculty of Science, Assiut University, Assiut, Egypt

ABSTRACT

This work describes a selective, facile, economic and fast technique using Ag@PbCO₃-NPs for 100% precipitation of anionic dyes within 50–100 s from aqueous solutions. The selectivity of the present method was examined for removal of hazardous cationic and anionic dyes. Positive results were obtained only for anionic dyes namely indigo carmine (IC), Congo red (CR), methyl blue (MB), and eriochrome black T (EBT). Removal dyes mechanism by precipitation process is suggested and described. Precipitates are filtered and characterized using FT-IR spectroscopy. This work possessed promising results in anionic dyes industrial water treatment.

ARTICLE HISTORY

Received 15 November 2018
Accepted 24 August 2019

KEYWORDS

Selective; anionic dyes; precipitation; nanocomposite

Introduction

Water pollution resulted from textile dyeing process is an annoying problem in the entire world. In spite of the importance of anionic dyes in many industrial and scientific fields, industry of textile is the biggest consumer of the dyes. A large amount of dyes does not bind during the dyeing process and leach to the environment.^[1] Approximately, 15% dyes are released into waste stream during coloration process making the effluent esthetically unpleasant.^[2] Due to high water solubility of anionic dyes, they are difficult to be removed by traditional process of wastewater treatment and can be easily moved through sewers and rivers.^[3] Polluted wastewater with anionic dyes is toxic, carcinogenic and very harmful of human health and water organisms. Moreover, if anionic dyes degraded, they could form highly toxic and carcinogenic degradation products, so they are classified as strong hazards for human and aquatic organisms due to their serious pollution.^[4] Therefore, it is necessary to treat the wastewater to remove the dyes from polluted water through economic, fast and easy processes.

Many attempts have been made to explore new method for dyes removal. For instance, a novel cellulose adsorbent was synthesized from polyacrylamide grafted quaternized cellulose to remove some of anionic dyes, the adsorbent showed excellent potential and practical value in dye wastewater treatment.^[5] Semi-IPN hydrogel composites for dye adsorption studies were prepared via photopolymerization of polyethylene glycol, macromer and acrylamide monomer in the presence of chitosan. The composites exhibit potentials

for adsorption of anionic dye in wastewater treatment process.^[6] Faraj et al. synthesized A triazine-based polymeric network surface-modified magnetic nanoparticles were for anionic dyes removal. The results indicated that this composite adsorbed methyl orange effectively with a large capacity.^[7] Moreover, new nanocomposite derived from modified guar gum and *in-situ* incorporated silica has been formed. Its dye adsorption studies predict that the catalyst is sensitively adsorbed anionic dyes (reactive blue [RB] and Congo red [CR]) from mixture of dye solutions.^[8] Removal and spectrophotometric determination of methyl orange in tap and Nile water using silver nanoparticles doped polyurethane foam were successfully carried out by Ali et al. Dye recoveries ranged from 96.43% to 103.65%, to indicate the efficiency of proposed method for methyl orange removal from real samples.^[9] Nanoparticles of NiFe₂O₄ (NiFe₂O₄ NPs) were synthesized and characterized in order to treat anionic dyes polluted water. The prepared material was used for the removal of anionic dyes from aqueous solutions by adsorption mechanism. Sunset yellow, tartrazine and eriochrome black T (EBT) dyes in real samples (tap water, river water, and candy) were removed by NiFe₂O₄ NPs.^[10]

The overall goal of this work is to obtain a facile, economic, fast and efficient method for industrial wastewater treatment from highly soluble anionic dyes by precipitation process using [Ag@PbCO₃]-NPs. The efficiency of removal is calculated by calculation of the absorbance differences from the electronic spectra of the dyes before and after treatment. The residual precipitates are characterized by comparing their infrared spectra with standard dyes.

CONTACT Nasser F. Alotaibi nf.alotaibi@ju.edu.sa; Amr M. Nassar nassar_santa@yahoo.com Chemistry Department, College of Science, Jouf University, Sakaka 2014, Saudi Arabia.
Color versions of one or more of the figures in this article can be found online at www.tandfonline.com/doi/full.
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Student **Abdullah Ghanem Al-Ruwaily**, Department of Chemistry, published a scientific research entitled

"Assessment of Trace Elements in Urban Road Dust of a city in a Border Province Concerning Their Levels, Sources and Related Health Risks, in Archives of Environmental Contamination and Toxicology.

The student was supervised by Professor Dr. Nayef Al-Moaqil, who assisted him in completing this research and conducting some chemical analyzes, each of His Excellency Dr. Ibrahim Al-Suhaimi, Head of the Chemistry Department, Dr. Muhammad Al-Hashemi, and Dr. Tariq Saif Al-Nasr.

The research dealt with assessing the elements present in the road dust in the city of Sakaka in terms of its concentrations, sources and health risks, and it showed an increase in the volume of pollution in the industrial area over the rest of the other places in the city, whether residential or commercial, hospitals or schools in addition to the main bus waiting station and the extent of this risk to human health and exposure For cancerous and non-cancerous hazards caused by items such as lead, chrome, cobalt and arsenic. The actors in reaching this stage of choosing important topics through which to publish scientific research for graduation projects

Archives of Environmental Contamination and Toxicology
<https://doi.org/10.1007/s00144-020-00717-8>



Assessment of Trace Elements in Urban Road Dust of a City in a Border Province Concerning Their Levels, Sources, and Related Health Risks

Ibrahim H. Alshuhaimi¹ · Mohammed A. El-Hashemi^{1,2} · **Abdullah G. Al-Ruwaily^{1,3}** · Tarek A. Saif El-Nasr^{1,3} · Nayef S. Almoaqil¹

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Abstract

Most research studies regarding the contamination of urban road dust (RD) focused on mega cities, but little consideration is given for small cities in border areas. The present work investigated the trace elements content in 15 RD samples of particle size < 63 µm at six areas with different anthropogenic activities in Sakaka city, KSA. The trace elements were analyzed using XRF and ICP-MS. Significantly high trace elements concentrations were recorded at small-scale industrial area. Concentrations of trace elements are ranked as Fe > Mn > Pb > Zn > Cr > Cu > Co > As > Se. The contamination evaluation through enrichment factor calculation refers to the existence of an anthropogenic source for certain trace elements, such as Fe, Zn, Mn, Cu, and Pb. The values of contamination factor indicate the contamination of RD samples collected from small-scale industrial area with these trace elements. The highest pollution load index value recorded at this industrial area suggests that it is a highly polluted area. This was confirmed by applying the one-way ANOVA test for the difference analysis between the investigated areas. The correlation between most of the detected trace elements at the small scale industrial area was lost due to the variation in their industrial sources. The health risk of some detected trace elements was estimated for two groups of populations, namely workers at the small scale industrial area and residents (adults and children) at residential areas at this city under study. Workers and resident children were more likely affected by arsenic through the ingestion pathway to cancer because of its higher cancer risk values that were more than the acceptable value 1×10^{-6} . Workers and residents (adults and children) are susceptible to noncancerous risks through the ingestion pathway of Fe because of its higher hazard quotient values that are more than one.

Border provinces are characterized by small cities with low population and low congestion compared with central provinces with their mega cities, but these border cities have characteristic anthropogenic activities that lead to heavy metals emission into the environment. Most of these heavy metals are stored in the road dust as trace elements. One of these anthropogenic activities is the small-scale industries. This type of industries is defined as either nonmanufactured

industries with no more than 20 workers and employees or manufacturing industries with less than 100 workers and employees (Sreenivas and Phane 2006). These industries have several features, such as owned and operated independently, and controlled closely by owners or managers who are decision makers (Almoai et al. 2017). The small-scale industries, for instance, car service, body painting, auto repairing, and metallic welding workshops, represent an urgent and indispensable need for urban residents. These industries have a key role in the booming of countries' economic growth by introducing a large proportion of jobs (Fidilgour et al. 2019). On the other hand, contaminations emitted from small-scale industries, especially particulate matter, can affect the environment through pollutant enrichment of road dust.

Road dust (RD) is formed by the atmospheric deposition of particulate matter by the influence of gravity in road surface. This particulate matter comes from various sources, such as traffic emissions, construction processes, industrial

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² Air Pollution Research Department, Environmental Research Division, National Research Centre, Dokki, Giza 12622, Egypt

³ Chemistry Department, Faculty of Science, Al-Qadisiyah University, Amer Branch, Amer 31334, Iraq

Maram Omar Kamel, Lamia Aziz, Taghreed Muhammad Al-Anazi, Siham Samir Al-Ruwaili, Sumaya Hamed Al-Zaraa, published a paper entitled

"A new series of pyrazole" which carries 1 and 4 dihydroquinoline 2-carboxylate T4, 5 and 6 (ad) under the supervision of **Dr. Nadia Ahmed Al-Kenzi**, the idea of the research was prepared by the interaction of the Chalconate 3a-d with hydrazine hydrate and 4-chlorophenyl hydrazine through the cyclic condensation reaction the reaction of ethyl-3-acetamidose 1 and 4-dihydro-kinazoline 2- carboxylate with aromatic aldehydes (Benzaldehyde - Para Chlorobenzaldehyde - Para Para Nitro Benzaldehyde) given by Chalcon The data interaction through condensation Kleisen - Smidt. Prepared compounds for which biological activity is expected. 3a-d

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SYNTHESIS OF NEW PYRAZOLE CONTAINING 1, 4-DIHYDROQUINOXALINE-2-CARBOXYLATE MOIETY

Maram Omar Kamal¹, Lamia Azeez¹, Taghreed Mohammed Alenzi¹, Siham Samir Alruwaili¹, Somaiah Hamed Alzarea¹, Nadia Ali Ahmed Elkanzi^{*1,2}

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²Chemistry Department, Faculty of Science, Aswan University, P.O. box 8:1528, Aswan, Egypt

Corresponding author (N.A.A.Elkanzi)
*e-mail: kanzi20@yahoo.com

Abstract: A new series of pyrazole bearing 1, 4-dihydroquinoxaline-2-carboxylate moiety Compounds **4**, **5**, **6(a-d)** were prepared by reactions of chalcones **3a-d** with hydrazine hydrate and 4-chloro phenyl hydrazine via cyclocondensation reaction. Reaction of Ethyl 3-acetamido-1, 4-dihydroquinoxaline-2-carboxylate **2** and aromatic aldehydes (Benzaldehyde, p-chlorobenzaldehyde, p-methoxybenzaldehyde, p-nitrobenzaldehyde) afford the corresponding chalcones **3a-d**, the reaction proceed via Condensation by Claisen-Schmidt method. The synthesized compounds expected to have biological activity.

Key words: Chalcones, pyrazol-1, 4-dihydroquinoxaline, acetylchloride, anticancer properties, pyrazoline derivatives.

Introduction

The biological importance of Chalcones due to their properties as antioxidant agents [I], antiviral [II], anticancer [III, IV], and antimalarial [V] pyrazoline derivatives which obtained from chalcones inhibit heat shock proteins [VI], P-glycoprotein [VII], and cyclin-dependent kinase [VIII], anticancer properties [IX, X]. This drives us to synthesis heterocyclic compounds especially pyrazoline derivatives from chalcones. Also quinoxaline derivatives play a vital role in medicinal chemistry organic synthesis [XI-XIV]. Quinoxaline derivatives have wide biological activity like anticancer [XV- XVIII], antimicrobial [XIX-XXI], antimalarial [XXII], anti-inflammatory [XXIII, XXIV], antiviral [XXV], kinase inhibitors, antileishmanial and antitubercular [XXVI-XXXI]. Also quinoxaline derivatives have many industrial application like chemically controllable switches [XXXI], organic semiconductors [XXXII], dyes [XXXIII], electron luminescent materials [XXXIII], quinoxaline derivatives is considered as rigid subunits in macrocyclic receptors in molecular recognition [XXXIV]. Also used in the synthesis of the synthesis of dehydroannulenes, cavitands, and anion [XXXV, XXXVI]. Thus in our research project

Student **Taghreed Bint Jaza'a Bin Hamoud Al-Shammari**, Department of Biology, published a research paper entitled

“Isolation, Characterization and Antagonistic Activity of the External Microflora of the House fly, *Musca domestica* (Diptera: Muscidae), Journal of Pure and Applied Microbiology 13(3):1619-1628”

The student, **Dr. Fatima Hussein Jalal**, supervised the study and discussed the isolation, characterization and study of the interaction between external microorganisms (bacteria and fungi) carried by the housefly after dipping, and then removing the flies from distilled water, sugar solution and saline solution. The housefly was collected from the city of Sakaka, northwestern Saudi Arabia. Three whole sets of housefly were completely immersed and then removed from each of the above solutions separately. Bacteria and fungi were isolated using the corresponding medium, and were characterized by the use of macroscopic and macro scans, then tested for hostile activity.

Galal et al. *J Pure Appl Microbiol.* 13(3), September 2019
Article | doi 10.22207/JPAM.13.3.
Print ISSN: 0973-7510; E-ISSN: 2581-690X



RESEARCH ARTICLE

OPEN ACCESS

Isolation, Characterization and Antagonistic Activity of the External Microflora of the House fly, *Musca domestica* (Diptera: Muscidae)

Fatma H. Galal^{1,3}, Taghreed ElShammari¹ and AlaaEddien M. Seufi^{2,3*}

¹Biology Department, College of Science, Jouf University, Kingdom of Saudi Arabia. ²Department of Basic Sciences, Deanship of Common First Year, Jouf University, Kingdom of Saudi Arabia. ³Department of Entomology, Faculty of Science, Cairo University, Egypt.

Abstract

Experiments were designed to isolate, characterize and study the interaction between external microbiota (bacteria and fungi) carried by adult *M. domestica* after dipping, then removal of the flies from distilled water, sugar solution and saline solution. *M. domestica* was collected from Sakaka city, Northwestern Saudi Arabia. Three groups of adult *M. domestica* were completely dipped in and then removed from each of the above-mentioned solutions separately. Bacteria and fungi were isolated using corresponding media, characterized using macro and microscopic examinations, and then tested for antagonistic activity. Three bacterial species; *Escherichia coli*, *Bacillus subtilis* and *Pseudomonas aeruginosa* and three fungi; *Candida albicans*, *Rhizopus stolonifer* and *Aspergillus niger* have been isolated, characterized and tested for antagonism. Biochemical tests of bacterial strains confirmed the ability to secrete economically important materials. Different efficiencies to ferment sugars and produce gases have been confirmed, too. Antagonistic tests between microorganisms have revealed that both *E. coli* and *P. aeruginosa* bacteria are antagonists to both *A. niger* and *C. albicans* fungi. However, *R. stolonifer* fungus is antagonist to both *E. coli* and *P. aeruginosa* bacteria. *B. subtilis* bacterium is antagonist to the 3 fungi and to the other 2 bacteria. The antagonistic activity of our bacterial strains could be attributed to the secretion of antimicrobial materials. Further study on the mechanism of antimicrobial activity of *B. subtilis* strain is recommended. It was concluded that this strain could be useful in controlling some bacterial and fungal infections.

Keywords: *M. domestica*, microbiota, bioactive materials, bacterial fungal antagonism.

Research sponsorship initiative for scientifically distinguished male and female students in the Department of Chemistry.

The Department of Chemistry is always keen on caring for students who are distinguished scientifically and one of the most important goals of this initiative was to develop students' research skills and encourage them to excel and scientific excellence and train them in the new research devices, which creates a generation of them who are familiar with the tools of scientific research and its skill.



Program Get Skill

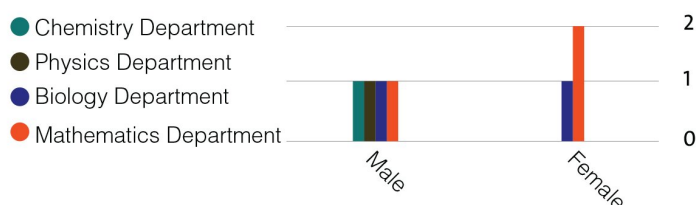
To train male and female students to prepare medical and cosmetic preparations made from olives and its derivatives "**environmentally friendly products**" as part of the preparation activities for the college's participation in the university's corner in the thirteenth olive festival, and among the most prominent products that were manufactured "**shampoo - laurel soap - lip balm - oil candles (Al-Fawwah) - Moisturizing Cream - Scrub Skin Cream - Shaving Cream**"



Attract relevant foreign talents for the economy

Source relevant foreign talent effectively

New members in the college departments



Faculty members with a distinguished international card

The level of skills of faculty members is a major and important factor to pave the way in which students are prepared and trained, and this in turn is reflected in the quality of services provided to the community of experiences beneficial in building a morally good citizen, in a way that contributes to interacting with intellectual, scientific, cultural, economic and social changes, and adapting to its developments and then laying the foundations of renaissance and sustainable development, and thus the faculty member has become a profession with a profession that has its origins, principles, reference and distinctive characteristics. Accordingly, the College of Sciences has a group of distinguished faculty members with a proven record, the most prominent of which are:

Chemistry Department	Physical Department	Biology Department	Mathematics Department
Dr. Mosaed Saud Alhumaimess	Dr. Numir Mohammed Abbas Hadiya	Dr. Musa Othman Qarmoush	Dr. Alsaid Abdul Raouf Mohammed Al-Hadi
Dr. Ibrahim Hotan Al-Suhaimi	Dr. Anwar Mohamed Tozary	Dr. Osama Ahmed Muhallal	Dr. Abdul Latif Abdul Razzaq bin Makhloof
Dr. Nayef Saleh Al-Moaqil	Dr. Ahmed Abu Al-Maref Abdel-Rahim Hussein	Dr. Ibrahim Bayoumi Abdel-Fareed	
Dr. Hassan Mohamed Ahmed Hassan	Dr. Wael Saad Mohamed Ahmed	Dr. Nasr Hassan Jumaa	
Dr. Abdel Aziz Ahmed Hussein Nail	Dr. Ahmed Mohamed Ahmed Mostafa	Dr. Hani Mohamed Awad Abdel Zahir	
Dr. Khaled Farouk Sayed Hassan	Dr. Ali Ataa Mohamed Ahmed	Dr. Fatma Hussein Jalal	
Dr. Mohammed Ramadan Abdul Majeed Al-Aasar	Dr. Mohamed Amin Mohamed Youssef		
Dr. Wael Abdel-Gayed Ahmed Arafa	Dr. Chakroun Omar Bilal		
Dr. Mohamed Yousry El-Sayed Ibrahim	Dr. Mohamed Fathy Hassanein		
Dr. Ismail Mohamed Ahmed Ibrahim	Dr. Mohammed Abdulaziz Jalal Ashry		
Dr. Ahmed Hassan Al-Ghurab	Dr. Islam Abdel-Tawab El-Sayed		
Dr. Hazem Mohamed Mahran	Dr. Nadia Saleh Zaidi		
Dr. Mohamed Reda Berber			
Dr. Amr Abdel Nabi Ibrahim Esawy			
Dr. Wasilla Drafa			
Dr. Nadia Ali Ahmed Al-Kenzi			
Dr. Halloumah Khamis Bilal			
Dr. Maria Nasri			
Dr. Basma Ali Bulbul			
Dr. Amira Atef Mahmoud			
Dr. Rehab Jalal Al Sharqawy			
Dr. Rania Hosny Taha			

Chapter Three

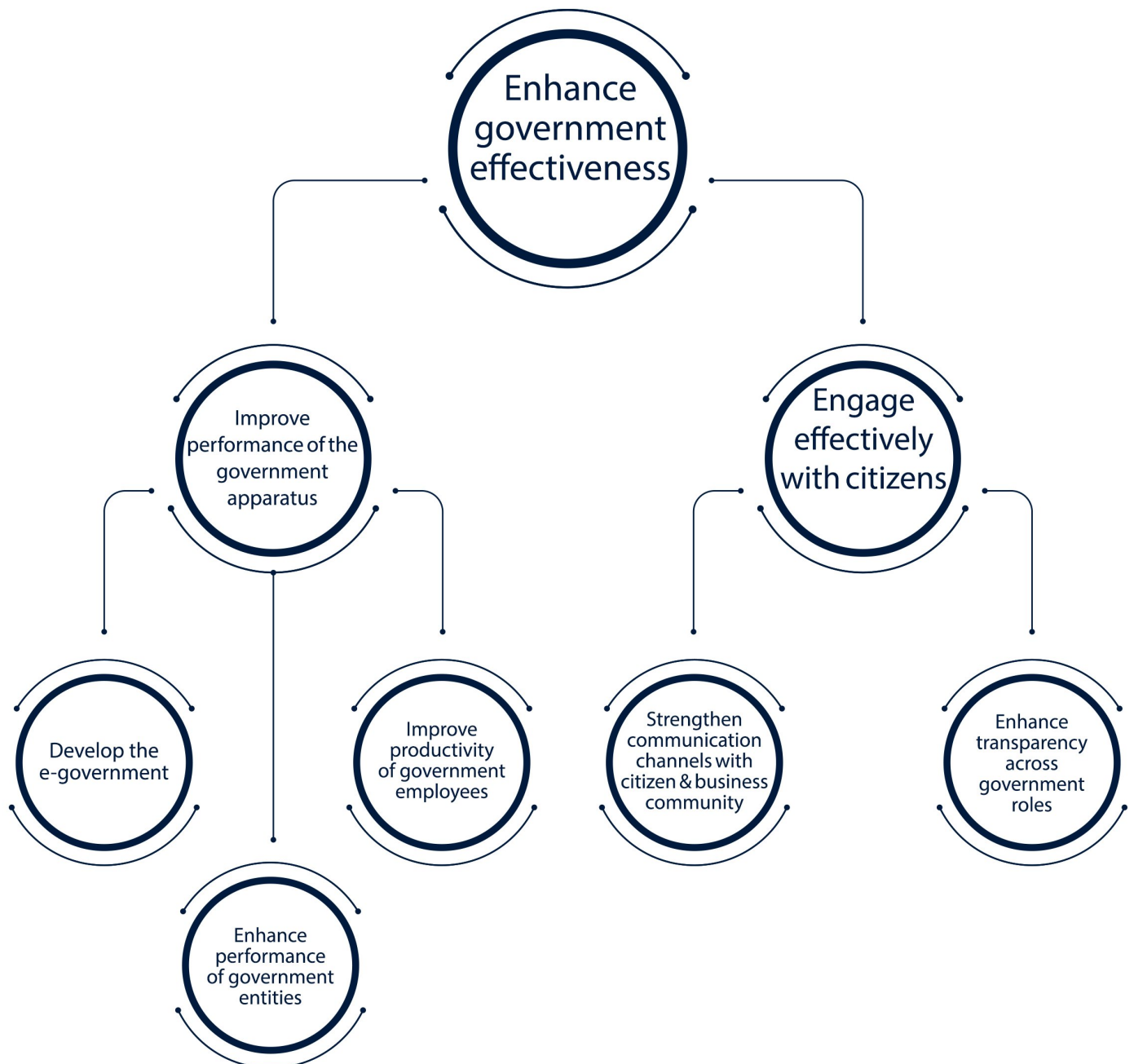
Ambitious Nation



Ambitious
Nation

Enable
social
responsibility

Enhance
government
effectiveness



Enhance government effectiveness

Improve performance of the government apparatus

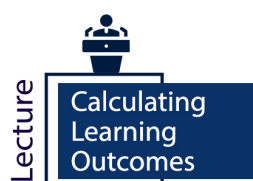
Enhance performance of government entities

Firstly: performance indicators

No.	The indicator icon	The indicator	Level of performance
			Index value (Number / Percentage)
1	KPI-I-01	Percentage of achieved indicators of the institution strategic plan objectives	76%
2	KPI-I-03	Students' evaluation of quality of learning experience in the programs	4.5
3	KPI-I-04	First-year students retention rate	43.5%
4	KPI-I-05	Graduates' employability and enrolment in postgraduate programs	15%15.
5	KPI-I-06	Graduation rate for Undergraduate Students in the specified period	21.28%
6	KPI-I-07	Satisfaction of beneficiaries with learning resources	4.04
7	KPI-I-08	Employers' evaluation of the institution graduates proficiency	4.04
8	KPI-I-10	Students' satisfaction with the offered services	3.96
9	KPI-I-11	Ratio of students to teaching staff	1:15
10	KPI-I-12	Proportion of faculty members with doctoral qualifications	89.36%
11	KPI-I-13	Proportion of teaching staff leaving the institution	2.75%
12	KPI-I-16	Percentage of publications of faculty members	%66.89
13	KPI-I-17	Rate of published research per faculty member	1.4
14	KPI-I-18	Citations rate in refereed journals per faculty member	10.76
15	KPI-I-19	Number of patents, innovations, and awards of excellence	1
16	KPI-I-23	Rate of community programs and initiatives	10.25

Secondly: Lectures, workshops, and training courses to raise the efficiency and performance of faculty members:

The Quality Unit provided several awareness lectures to improve the performance of the teaching staff in general and new ones in particular, which was among the most prominent:



Presented By
Dr. Mona Sharif



Presented By
Dr. Nadia Zaidi



Presented By
Dr. Halloumah Bilal



Presented By
Dr. Nadia Zaidi



► Attendance of the faculty members many training courses and workshops

Outside Jouf University

Post Title	Place	Date	Member Name
"Applying QM Quality Standards in E-Course Design - First Level" (online)	King Abdulaziz University	5/10/2019	Dr. Wael Abdel-Gayed Ahmed Arafa Dr. Ali Atta Dr. Mohamed Amin Youssef Dr. Khalaf Allah Omar Qasim Dr. Sherifa Hamed Dr. Nadia Ali Ahmed Al-Kenzi Dr. Rasha Mohamed Kamal Abdel Baqi Dr. Islam Abdel Tawab Dr. Al-Zahraa Ali Abdel-Mawla Dr. Nadia Saleh Zaidi Dr. Asma Rashid Arfaoui Dr. Sonya Mohamed Reda Ali Dr. Amal Abdel-Fattah Omar Dr. Mona Saber Dr. Naglaa Rashad Atallah Dr. Dalia Saeed Al-Sayed Hamza Dr. Faten Moawad Zhou
Workshop "Managing seminars and discussing theses and graduation projects remotely"	King Khalid University	21/3/2020	Dr. Muddathir Farooq Hussain Muhammad Dr. Shaima Mohamed Nabil

Inside Jouf University

Title of Participation	Executing Agency	Date of participation	No of beneficiaries
The mechanism of scientific publication in ISI journals	29/8/2019	University Agency for Development and Quality Skills Development Center	20
Scientific research methodology	28/8/2019		12
Learning Output Measurement	27/8/2019		15
The use of technology in teaching	26/8/2019		11
Course description on the new body model	22/1/2020		1
They say I say: How to write a paper	16/9/2019		5
The basic skills to practice academic advising according to modern international practices	18/9/2019		4
Archiving and writing scientific references electronically	26/2/2020		10
thinking in English and writing concisely	15/10/2019		12
learning English and the Global Citizen Identity : A Step Toward the Kingdom?	20/11/2019		1
Vision 2030 -L1 Citing with APA, MLA, and Chicago styles			
How to prepare for TOEFL	13/10/2019		10
How to prepare for IELTS	28/8/2019		1
Early diagnosis of neurotic and mental disorders for undergraduate students	27/8/2019		1
info graphic design	31/9/2019		7
Statistical analysis of achievement test items in higher education	24/10/2019		5
Modern directions for university education	4/12/2019		1
			1
		عمادة خدمة المجتمع والتعليم المستمر	7
			4
			9
Intellectual dialogue	7-6/2/2020	Al Hewar Training Academy	5
Community dialogue	10/2/1441		6
Communication skills in dialogue	10/8/2019		4
Ways to use SciVal to Evaluate Scientific Research	2/2/1441	Deanship of Library Affairs in cooperation with the Saudi Digital Library	1

Improve performance of the government apparatus

Improve productivity of government employees

The faculty of the Faculty of Science was keen to attend many training courses and workshops to improve and develop their performance, the most important of them:



Place and Organizer	The name of the course
Communication skills in dialogue	National Dialogue Academy
Shown in preventing extremism	
Communication skills in dialogue	
Strategic planning and turning ideas into scientific plans	National Dialogue Academy
Measuring job performance according to the guidelines	
Manage meetings and write reports	Skills Development Center
Manage meetings and write reports	
Quality management in health organizations	Remotely enrich me
Principles of government accounting	
Preparing media campaigns	Remotely enrich me
Polarization and selection	
Corporate affiliation and loyalty	Remotely enrich me
Executive planning	
Government financial reports	Remotely enrich me
Administrative leadership	
Governmental accounting in branches	Remotely enrich me
Building an effective organizational culture	
Identification of training needs	Remotely enrich me
Motivating employees	
Human Resource Planning	Remotely enrich me
Development of beneficiary services	
Organizing press conferences	Remotely enrich me
Information services in libraries and information centers	
Material storage operations	Remotely enrich me
Principles of financial accounting	
Disciplinary disputes -	Remotely enrich me
Skills of dealing with superiors	
Time and Meetings Management	Remotely enrich me
The causes of olive oil and its derivatives, and their risks to the consumer and the environment	
The foundations of strategic planning	Remotely enrich me
administration creativity	
Definition of intellectual property rights	Remotely enrich me
Sterilization and pollution sources	
Food safety	Remotely enrich me
Effective administrative leadership	
Google Drive capabilities	Remotely enrich me
Behavior Modification	
Evaluation and evaluation of food additives and their impact on consumer health	Remotely enrich me
Electronic information crimes	
Accounting principles	Remotely enrich me
Strategic planning skills	
Self-management and the art of leading others	Remotely enrich me
The basics of preparing the replacement leader for managerial positions	
first aid	Remotely enrich me
Strategic analysis using the SWOT model	
Personal strategic planning and turning ideas into practical plans	Remotely enrich me
Transformational leadership and its role in developing organizations	
Ways to adapt to psychological stress in the work environment	Remotely enrich me
Management supervision skills	
Motivation and team management skills	Remotely enrich me
Management leadership skills	

Deanship of Community Service

Deanship of Community Service, electronic

Improve performance of the government apparatus

Develop the e-government

- ▶ Launch of the remote working portal "during the ban period" Using the program and  program  held by the College of Science

College of Science held

▶ Remote departmental and college council meetings

The Faculty of Sciences held five councils for the faculty remotely, and nearly 26 councils for the four faculties of the college.

▶ Emergency sessions

An emergency session was held for the dean of the college with faculty members to discuss the progress of the educational process

▶ Discussing student graduation projects in the college departments

Student graduation projects committees discussed about 47 distance-graduated projects.

▶ Remote awareness workshops and campaigns for students and faculty members

The e-learning unit provided workshops with the beginning of the comment period on virtual classes for two days in a row.

The Quality and Academic Accreditation Unit, in cooperation with the Faculties of Engineering, Computer Science and Information, organized three remote workshops to prepare faculty members for the programmatic accreditation requirements of "ABET" [®]

- 1▶ Program Accreditation Requirements from .ABET
- 2▶ How to prepare course descriptions and program matrix.
- 3▶ How to evaluate the decisions of the CLOs.

Activating the electronic counseling program for college students through the virtual classes for the Blackboard of the Academic and Student Advising Unit.

The Academic Advising Unit presented a remote awareness-raising electronic campaign to the Academic Advising Unit in the college under the title "Together against Corona" through the virtual classes for the Academic Advising Board.



▶ Preparing educational videos for faculty members about

- 1▶ How to create assignments and tests.
- 2▶ How to download assignments and tests from Word to Blackboard.
- 3▶ The advantages of virtual classes in managing sessions and lectures.

◀▶ The completion of preparing the database for faculty re-instructors.

◀▶ Restricting the data of the college's employees to the college's driver to facilitate the collection of information and benefit from it.

◀▶ The e-learning unit provided training courses for the faculty members to clarify the procedures entitled "Procedural Manual for Integrated Learning" by Dr. Abeer Al-Dahman

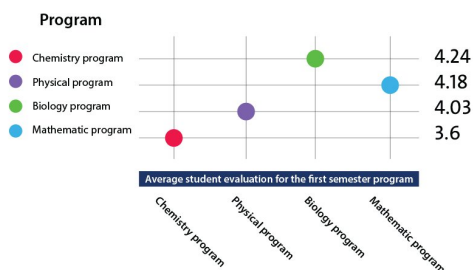
◀▶ **Statistics on the percentage of male and female students participating in the interactive elements of the Blackboard system of the College of Science for the academic year 1440-1441 AH, male and female students**

No.	Department	First Semester			Second Semester		
		Discussion Board	Homework	Virtual Classes	Discussion Board	Homework	Virtual Classes
1	Biology	% 90	% 97	% 94	% 100	% 100	% 100
2	Chemistry	% 89	% 100	% 95	% 100	% 100	% 100
3	Physics	% 85	% 99	% 96	% 100	% 100	% 100
4	Mathematics	% 88	% 100	% 93	% 100	% 100	% 100

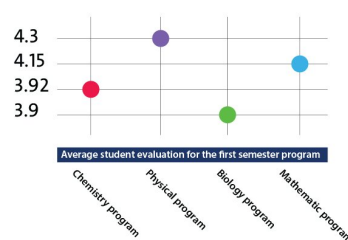
Interact effectively with citizens

Enhance transparency across government roles

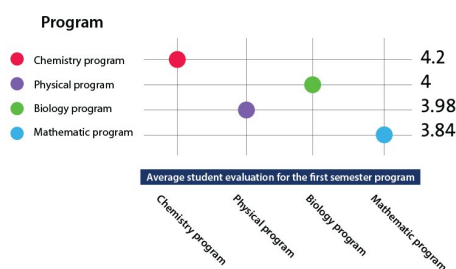
▶ Result of students opinions on the evaluation of the first semester study courses (1440 -1441)



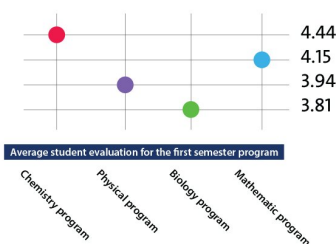
▶ Result of students opinions on the evaluation of the first semester study courses (1440 -1441)



▶ Result of students opinions on the evaluation of the first semester study courses (1440 -1441)



▶ Result of students opinions on the evaluation of the first semester study courses (1440 -1441)



Interact effectively
with citizens
Strengthen
communication
channels with citizen
& business community

Membership in public committees, scientific and private societies

Membership in committees affiliated to the Emirate of Al-Jouf Region

 **Chairman of the Friends of the Environment Committee**
Dr. Abdullah bin Marzouq Hussein Al-Hajoj

 **Member of the Tourism Development Council**
Dr. Haifa Bint Abdel Aziz Saket Al-Hathloul

 **Member of Municipal Councils**
Dr. Haifa Bint Abdel Aziz Saket Al Hathloul

Membership in scientific and charitable societies

 **Member of the Friends of the Patients Association**
Prof. Nayef bin Saleh Al-Moaqil

 **Member of the Disabled Children Association**
Dr. Abeer Bint Yousef Al Hashash
Dr. Amina Bint Ibrahim Al Sarhani

 **Member of the Life Sciences Association**
Dr. Amina Bint Ibrahim Al Sarhani

 **Member of Sidr Al-Jouf Association**
Dr. Haifa Bint Abdul Aziz Saket Al-Hathloul
Dr. Amina Bint Ibrahim Al-Sarhani

Membership in committees affiliated to the Ministry of Labor Al-Jouf Region

Member of Green Earth Society in Al-Jouf Region 
Dr. Abdullah bin Marzouq Hussein Al-Hajoj

Membership in advisory committees of other universities

Member of the Board of Trustees of Fahd bin Sultan University 
Fahd bin Sultan University
Dr. Asmaa Soliman Al-Moisheer

Member of the Consultative Committee, College of Arts and Sciences, Wadi Al-Dawasir 
Prince Sattam bin Abdulaziz University
Dr. Ibrahim bin Hotan Al-Suhaimi

Member of the National Committee for Bioethics 
King Abdulaziz City for Science and Technology
Dr. Amr El-Sayed Nassar

Membership in national centers

Member of the Cultural Council of Abdul Rahman Al-Sudairi Foundation 
Dr. Naif bin Saleh Al-Moaqil

Member of the National Dialogue Center in Riyadh 
Dr. Amina Bint Ibrahim Al Sarhani

Public visits and hosts

Hosting school students to introduce them to the college departments and laboratories

Hosting general education students to the physics department labs on the first physical day, where they witnessed some physical experiments and listened to an explanation from the faculty members on the importance of physics in the different fields of life.



Hosting students of Sakaka International Schools in Al-Jouf Region, where they got acquainted with the college's departments, laboratories and all educational facilities.



The college received a delegation from the Cordoba Primary School within the activities of the Arab Week of Chemistry, where the students heard the school for a series of educational and cultural lectures on chemistry, renewable energy and mineral wealth, and the students enjoyed participating in the implementation of some interesting and meaningful practical experiences.



The college welcomes middle school students to Ibn Qayyim to introduce the school students to the college departments and laboratories.



The College of Sciences received a delegation from the second high school in Sakaka, through which the units and committees of the college presented a detailed presentation on the vision and mission of the college, the most important goals of the college, the graduate job opportunities and a tour of the college of science laboratories.

The College of Sciences, female students section, received a delegation from Sakaka International Language School on a scientific visit 4-4-1441, and the visit included a tour of the College of Science laboratories.



Enable Social Responsibility

The faculty members of the college are partially or completely emptied of the administrative work of the agencies and deanships:

Prof. Ahmed Hassan Ghorab	is partly devoted to work at the Institute for Research and Consulting Studies.
Dr. Khaled Farouk	is partly devoted to administrative work in the Deanship of Scientific Research.
Dr. Abdul-Azeem	is a partially devoted to work at University Vice Presidency for Graduate Studies and Scientific Research.
Dr. Amr Nassar	is a partially devoted to work Deanship of Human Resources.
Dr. Mohamed Barbar	partially devoted to work at University Vice Presidency for Graduate Studies and Scientific Research
Dr. Mervat Abdul-Aziz Al-Sharif	is partially devoted to work at the Deanship of Scientific Research.
Dr. Shaimaa Mohamed Nabil	is partially devoted for the University's Student Affairs Agency.
Providing the Deanship of the first joint year with faculty members from various departments to conduct teaching, bridge the disability, and regularize the educational process	

► **The college's contributions to setting technical specifications for the experiments of the scientific departments experiments at the university, making technical studies for companies and awarding offers, and preparing a comprehensive competition brochure for laboratory supplies for the scientific departments at the university.**

- ◀▶ Preparing a booklet of conditions, specifications and equipment for the Department of Physics, College of Science and the College of Sciences and Arts in Qurayyat, headed by the dean of the college, Dr. Musaed bin Saud Al-Humaimis, and a membership of both Dr. Wael Saad and Dr. Hazem Mahran and Dr. Ibrahim Bayoumi.
- ◀▶ Preparing a booklet of conditions, specifications and equipment for the Biology Department of the College of Science and the Biology Course at the College of Science and Arts in Tabarjas and the first joint year, headed by the dean of the College d. Musaed bin Saud Al-Humaimis, and a membership of both Dr. Wael Saad and Dr. Hazem Mahran and Dr. Ibrahim Bayoumi.
- ◀▶ Preparing a booklet of conditions, specifications and equipment for the Chemistry Department, Faculty of Science and the College of Science and Arts in Qurayyat, headed by the dean of the college, Dr. Musaed bin Saud Al-Humaimis, and a membership of both Dr. Wael Saad and Dr. Hazem Mahran and Dr. Ibrahim Bayoumi.

Membership of the faculty members of the permanent and temporary committees at Jouf University

The Supreme Standing Committee for Excellence Awards	Dr. Abdulsalam Alkhalidi - Dr. Asmaa Soliman Al-Moisheer
The Standing Committee for Agreements and International Cooperation	Dr. Abdulsalam Alkhalidi
The Standing Committee for Scientific Publication and Rewards of Excellence	Dr. Abdulsalam Alkhalidi - Dr. Ibrahim bin Hutan Al-Suhaimi - Dr. Abdul Azim Maabad
The Standing Committee of Scientific Chairs at the University	Dr. Abdulsalam Alkhalidi - Dr. Ahmed Hassan Al-Ghurab
The Standing Committee for Bioethics	Dr. Abdulsalam Alkhalidi - Dr. Mohamed Amin Youssef
Laboratories Standing Committee	Dr. Mosaed Saud Alhumaimess
Standing Committee for Plans, Decisions and Qualification for Accreditation	Dr. Mosaed Saud Alhumaimess
The Standing Committee of the Region's Festivals	Dr. Mosaed Saud Alhumaimess - Dr. Abdulsalam Alkhalidi
The Higher Committee for Quality and Academic Accreditation	Dr. Mosaed Saud Alhumaimess - Dr. Asmaa Soliman Al-Moisheer
The Standing Committee for Appointment of Saudi Teaching Staff	Dr. Mosaed Saud Alhumaimess - Dr. Asmaa Soliman Al-Moisheer
The Standing Committee for Contracting with Non-Saudi Teaching Staff	Dr. Mosaed Saud Alhumaimess - Dr. Zeyad Alruwaili
Standing Committee for Academic Tables	Dr. Zeyad Alruwaili
The Standing Committee for Curricula, Plans and Scheduled Books	Dr. Zeyad Alruwaili - Dr. Nasser bin Fahd Al-Otaibi
The Standing Committee for Direct Purchase	Dr. Zeyad Alruwaili
The Standing Committee to Study the Academic Problems of Male and Female Students	Dr. Zeyad Alruwaili
The Standing Committee of Laboratories, Equipment, Laboratories, and Educational Materials for the University Agency for Educational Affairs	Dr. Zeyad Alruwaili- Dr. Hazem Muhammad Mahran
Permanent Committee for Scholarships and Training	Dr. Zeyad Alruwaili - Dr. Mashael Al-Otaibi
The Standing Committee for the Application of Information Technology Governance	Dr. Nasser bin Fahd Al Otaibi
The Standing Committee for Personnel Affairs	Dr. Nasser bin Fahd Al Otaibi
The Standing Committee for Contracted Faculty Members Affairs	Dr. Nasser bin Fahd Al Otaibi
Standing Committee of Professors Affairs	Dr. Nasser bin Fahd Al Otaibi
Standing Committee of Teaching Assistants and Lecturers	Dr. Nasser bin Fahd Al Otaibi
Standing Committee to Consider the Staff Members Allowances	Dr. Nasser bin Fahd Al Otaibi
The Permanent Finance Committee	Dr. Nasser bin Fahd Al Otaibi
The Standing Committee to follow up the strategic plans of the colleges and deanships at the	Dr. Abdullah bin Marzouq Al-Hajuj
Standing Committee for Faculty Members' Promotion	Dr. Abdel Azim Maabad
Permanent Committee for Risks, Crises and Disasters of the University Agency for Educational Affairs	Dr. Hazem Muhammad Mahran

Enable social responsibility

Encourage volunteering

Faculty of Science employees contributed in providing voluntary initiatives and proposals to serve the university

Member Name	Title of the initiative or proposal	Type of initiative or proposal
Dr. Bin Omar al-Shabba	Food safety course	Scientific
	Sterilization cycle and pollution sources	Scientific
	Benefits Nutrition and dietary uses of table olives	Scientific
	Great presentation and presentation techniques	Cultural
Dr. Ali Atta	A 5-hour training program for graduate students with the aim of knowing the use of ion-beam technology to improve the properties of polymeric materials	Scientific
Dr. Haifa Abdul Aziz Saket Al-Hathloul	Illuminations around home farming	Scientific
Dr. Randa Saad Ali Hassan	The little explorer	Educational
Dr. Islam Abdel Tawab El-Sayed	Young scientists	Educational
Dr. Fatma Hussein Jalal	Modern science and our Islamic identity	Scientific
Dr. Nermeen Mohamed Ali Mousa	Activate an icon on the College of Science page with the name visual corner	Technical
	Community partnership with the talent center in Al-Jouf	Social
	Community partnership with the Criminal Evidence Department in Al-Jouf	Social
	A community partnership with secondary education schools titled The Negative Impact of Media on Adolescent Behavior	Social
	Visit to the Association of Disabled Children in Al-Jouf	Social
Dr. Faten Moawad Zhou	Community partnership between the College of Science and the Public Health Sector in Al-Jouf Region, Al-Jouf	Servants
	A community partnership between the College of Science and the Public Health Sector in Al-Jouf Region regarding an awareness campaign against diabetes	Servants
	The visit of students of the Biology Department to Prince Miteb Hospital	Scientific
	The visit of students of the Biology Department to the laboratory of the Prince Miteb Hospital	Scientific

Chapter Four

Commitment





Commitment

Research/ Social / Educational




رؤية VISION 2030 المملكة العربية السعودية KINGDOM OF SAUDI ARABIA



Research Commitment

- Publish books and scientific research in international journals with international and domestic impact factors
- Participation in scientific conferences, forums and scientific symposia
- Reviewing of research published in international journals classified or unrated
- Refereeing of scientific thesis



Social Commitment

- Community posts outside Jouf University
- Community posts inside Jouf University



Educational Commitment

- Supportive learning environment
- Services and facilities
- Academic Advising



Research Commitment

Research Commitment

Publications

The faculty members publish applied scientific research in many specialized fields, as they were published in international and local journals with impact factors and others not classified. The following are the most prominent researches of 2019-2020 for the departments of the College of Science

Research / Literature	Chemistry Dep.	Physics Dep.	Biology Dep.	Mathematics Dep.
Number of papers published in journal indexed by ISI or Scopus	135	82	54	60
Number of papers published in unclassified journals	0	0	3	1

Research / Literature	Chemistry Dep.	Physics Dep.	Biology Dep.	Mathematics Dep.
Number of papers published in local journals	1	0	3	1
Number of papers published in international journals	134	82	54	60

Research / Literature	Chemistry Dep.	Physics Dep.	Biology Dep.	Mathematics Dep.
Authoring a book (chapter in a book)	3	2	2	2



Chemistry Department

Author	Title	Name of the Magazine
Dr. Mosaed Saud Alhumaimess	Sulfhydryl functionalized activated carbon for Pb(II) ions removal: kinetics, isotherms, and mechanism	Sparation Science and Technology
	Adsorption, kinetics and thermodynamics studies of safranin and methylene blue on a novel adsorbent based on phosphorylated sawdust	Desalination and water treatment
	Catalytic hydrogenation of furfural and furfuryl alcohol to fuel additives and value-added chemicals	Turkish Journal of Chemistry
Dr. Mosaed Saud Alhumaimess Dr. Hassan Mohamed Ahmed Hassan	Bimetallic Au: Pd nanoparticle supported on MgO for the oxidation of benzyl alcohol	Reaction Kinetics, Mechanisms and Catalysis
Dr. Mosaed Saud Alhumaimess Dr. Mahmoud Mohamed Kamel Dr. Hassan Mohamed Ahmed Hassan	Ionic liquid green synthesis of CeO ₂ nanorods and nano-cubes: Investigation of the shape dependent on catalytic performance	J. Molecular Liquids
Dr. Mosaed Saud Alhumaimess Dr. Ibrahim Hotan Z Alsohaimi Dr. Hassan Mohamed Ahmed Hassan Dr. Mohammed Yousry Dr. Mutairah Shaker Alshammari Dr. Mahmoud Mohamed Kamel	Synthesis of ionic liquid intercalated layered double hydroxides of magnesium and aluminum: A greener catalyst of Knoevenagel condensation	Journal of Saudi Chemical Society
Dr. Mosaed Saud Alhumaimess Dr. Ibrahim Hotan Z Alsohaimi Dr. Mahmoud Mohamed Kamel	Recyclable glutaraldehyde cross-linked polymeric tannin to sequester hexavalent uranium from aqueous solution	J. Molecular Liquids
Dr. Mosaed Saud Alhumaimess Dr. Amr Abd El Naby Ibrahim Essawy Dr. Mahmoud Mohamed Kamel Dr. Ibrahim Hotan Z Alsohaimi Dr. Hassan Mohamed Ahmed Hassan	Biogenic-Mediated Synthesis of Mesoporous Cu ₂ O/CuO Nano-Architectures of Superior Catalytic Reductive towards Nitroaromatics	Nanomaterials
Dr. Ibrahim Hotan Z Alsohaimi	Adsorptive performance of aminoterephthalic acid modified oxidized activated carbon for malachite green dye: mechanism, kinetic and thermodynamic studies	Sparation Science and Technology
	Adsorption kinetics, isotherm and reusability studies for the removal of cationic dye from aqueous medium using arginine modified activated carbon	Journal of Molecular Liquids
	Heteroatom-doped magnetic hydrochar to remove post-transition and transition metals from water: Synthesis, characterization, and adsorption studies	Chemosphere
	The rejection of mono- and di-valent ions from aquatic environment by MWNT/chitosan buckypaper composite membranes: Influences of chitosan concentrations	Separation and Purification Technology
	Evaluation of bromate formation control during drinking water disinfection in Saudi Arabia	Desalination and Water Treatment

Dr .Ibrahim Hotan Z Alsohaimi Dr .Mohammed El-Hashemy Mr. Abdullah Ghanem Al-Ruwaily Dr. Tarek Ahmed Seaf EL Nasr Dr. Nayef saleh Trad Almuaikeel	Assessment of Trace Elements in Urban Road Dust of a city in a Border Province Concerning Their Levels, Sources and Related Health Risks	Archives of Environmental Contamination and Toxicology
Dr .Ibrahim Hotan Z Alsohaimi Dr. Hazim Mohamed Ali Mahran	Emergence of mutagenic/carcinogenic heterocyclic amines in traditional Saudi chicken dishes prepared from local restaurants	Food and Chemical Toxicology
Dr. Mohamed ramadan Elaassar Dr .Ibrahim Hotan Z Alsohaimi	Solvent extraction and gas chromatography–mass spectrometric determination of probable carcinogen 1,4-dioxane in cosmetic products	SCIENTIFIC REPORTS
Dr. Ibrahim Hotan Z Alsohaimi Dr. Amr Mohamed Elsayed Nassar Dr. Tarek Ahmed Seaf EL Nasr Dr. Ben Amar Cheba	Removal of phenol and Bisphenol A by immobilized Laccase on poly (Acrylonitrile-co-Styrene/Pyrrrole) nanofibers	Separation Science and Technology
Dr. Amr Mohamed Elsayed Nassar Dr .Ibrahim Hotan Z Alsohaimi Dr. Nasser Fahad Altaweel Alotaibi	A Novel Composite Silver Nanoparticles Loaded Calcium Oxide Stemming from Egg Shell Recycling: A Potent Photocatalytic and Antibacterial Activities	Journal of Cleaner Production
Dr. Ibrahim Hotan Z Alsohaimi Dr. Hazim Mohamed Ali Mahran Dr. Hassan Mohamed Ahmed Hassan	Diaqua oxalato Strontium(II) complex as precursor for facile fabrication of Ag-NPs@SrCO ₃ , characterization, optical properties and morphological studies	Journal of coordination chemistry
Dr. Ahmed Hassan El Ghorab Dr. Khaled Farouk Sayed Hassan Dr .Ibrahim Hotan Z Alsohaimi Dr. Mervat Abdelaziz Elsherif	Fabrication of graphene oxide incorporated polyethersulfone hybrid ultrafiltration membranes for humic acid removal	Separation and Purification Technology
Dr. Mousa Othmain Germoush Dr .Ibrahim Hotan Z Alsohaimi Dr. Hazim Mahran	THE IMPACT OF SOME BIOREGULATORS ON GROWTH, CHEMICAL CHARACTERS AND RADICAL SCAVENGING PROPERTIES OF ONION VOLATILE OIL	Pak. J. Agri. Sci
Dr. Ahmed Hassan El Ghorab Dr. Khaled Farouk Sayed Hassan Dr. Hassan Ali Hassan Elgebaly Dr. Nermeen Mosa Dr .Ibrahim Hotan Z Alsohaimi	Oral administration of a potassium bromate dosage: Determination and evaluation of accumulated bromate on the liver of male mice	Drug and Chemical Toxicology
Dr. Zeyad Awad Alruwaili Dr .Ibrahim Hotan Z Alsohaimi Dr. Amr Abd El Naby Ibrahim Essawy Dr. SAif Alruwaili Dr. Hassan Mohamed Ahmed Hassan	Microencapsulation of Date Seed Oil by Spray-drying for Stabilization of Olive Oil as a Functional Food	Asian Journal of Scientific Research
Dr. Nayef Saleh Trad Almuaikeel	Green fabrication of silver imprinted titania / silica nanospheres as robust visible light-induced photocatalytic wastewater purification	Materials Chemistry and Physics
	Novel copolyhydrazides and copolyoxadiazoles based on 1,4-phenyl linkage and 1,3,4-thiadiazole moiety in the polymer Main chain to induce glass transition and to improve the thermal stability, solubility, and antimicrobial activity	Journal of Polymer Research
	Liquid crystalline polymers XVI*. Thermotropic liquid crystalline copoly (arylidene- ether)/TiO ₂ Nanocomposites: synthesis, characterisation and applications	LIQUID CRYSTALS
	Novel polyhydrazides and polyoxadiazoles based on 1,3,4-thiadiazole moiety in the main chain with high thermal stability, good solubility, and notable antimicrobial activity	J. Appl. Polym. Sci.
Dr .Ibrahim Hotan Z Alsohaimi Dr. Mohamed Ramadan Elaassar Dr. Mutairah Shaker Alshammari	Development of activated carbon-impregnated alginate*β-cyclodextrin/gelatin beads for highly performance sorption of 2,4-dichlorophenol from wastewater	Journal of Materials Research and Technology

Dr. Yasser Aboubakr Abdelmoez Dr. Nayef saleh Trad Almuaikel Dr. Hazim Mohamed Ali Mahran	Green synthetic investigation and spectral characterization of some spiro pyrazolidine-based heterocycles with potential biological activity	Journal of heterocyclic chemistry
Dr. Nasser Fahad Altaweel Alotaibi Dr. Amr Mohamed Elsayed Nassar Dr. Tarek Ahmed Seaf EL Nasr	Selective, efficient and complete precipitation of anionic dyes in aqueous solutions using Ag@PbCO ₃ nanocomposite	Inorganic and nanometal chemistry
Dr. Nasser Fahad Altaweel Alotaibi Dr. Amr Mohamed Elsayed Nassar	Simultaneous voltammetric determination of ascorbic acid, dopamine, acetaminophen and tryptophan based on hybrid trimetallic nanoparticles-capped electropretreated graphene	Microchemical Journal
Dr. Amr Mohamed Elsayed Nassar	Mixed oxides CuO-NiO fabricated for selective detection of 2-Aminophenol by electrochemical approach	Journal of Materials Research and Technology
Dr. Reda Khashab	Inhibition of Cholinesterase Activity by Copper Cations as New Biomarker Test	European Journal of Scientific Research
	A ligand-based conjugate solid sensor for colorimetric ultra-trace gold(III) detection in urban mining waste	Colloids and Surfaces
	A ligand-anchored optical composite material for efficient vanadium(II) adsorption and detection in wastewater	New J. Chem
Dr. Hassan Mohamed Ahmed Hassan	A novel and potential chemical sensor for effective monitoring of Fe (II) ion in corrosion systems of water samples	Microchemical Journal 154, 104578
	Eco-friendly facile synthesis of glucose-derived microporous carbon spheres electrodes with enhanced performance for water capacitive deionization	Desalination 477, 114278
	Carbon nanotubes hybridized graphene oxide composite for efficient capture of cationic dye from aqueous solution	Desalination and Water Treatment
Dr. Mohammed Yousry	Complexes of the plant hormone gibberellic acid with the Pt(II), Au(III), Ru(III), V(III), and Se(IV) ions: preparation, characterization, and in vitro evaluation of biological activity	Journal of Molecular liquids
	Synthetic, Spectroscopic, Thermogravimetric and Biological Studies of Some Lanthanide(III) and Th(IV) with Fluorescein Dye as a complexing Agent	Science of Advanced Materials
Dr. Hassan Mohamed Ahmed Hassan Dr. Amr Abd El Naby Ibrahim Essawy	Highly selective epoxidation of olefins using vanadium (IV) schiff base-amine-tagged graphene oxide composite	Colloids and Surfaces A: Physicochemical and Engineering Aspects
Dr. Mohamed ramadan Elaassar Dr. Hassan Shukri	Isothermal, kinetic, and thermodynamic studies on copper adsorption on modified styrene acrylonitrile copolymer	International Journal of Environmental Science and Technology

Dr. Mohamed ramadan Elaassar	Fabrication of polyacrylonitrile/ β -cyclodextrin/graphene oxide nanofibers composite as an efficient adsorbent for cationic dye nanofibers	Journal of heterocyclic chemistry
	Removal of methylene dye using composites of poly (styrene-co-acrylonitrile) nanofibers impregnated with adsorbent materials	Journal of Molecular Liquids
	Functionalization of Electrospun Poly(Acrylonitrile-co Styrene/Pyrrole) Copolymer Nanofibers for Using as a High-performance Carrier for Laccase Immobilization	Fibers and Polymers
	Loading of some quinoxaline derivatives in poly (L-lactic) acid/Pluronic® F-127 nanofibers enhances their anticancer efficiency and induces a p53 and p21 apoptotic-signaling pathway	Colloids and Surfaces B: Biointerfaces
	Surface Modified of Cellulose Acetate Electrospun Nanofibers by Polyaniline/ β -cyclodextrin Composite for Removal of Cationic Dye from Aqueous Medium	Fibers and Polymers
	Alginate based tamoxifen/metal dual core-folate decorated shell: Nanocomposite targeted therapy for breast cancer via ROS-driven NF- κ B pathway modulation	International Journal of Biological Macromolecules
	Development of biocompatible tri-layered nanofibers patches with endothelial cells for cardiac tissue engineering	European Polymer Journal
	Enhancing mechanical and biodegradation properties of polyvinyl alcohol/silk fibroin nanofibers composite patches for Cardiac Tissue Engineering	Materials Letters
	Wound healing of nanofiber comprising Polygalacturonic/Hyaluronic acid embedded silver nanoparticles	Carbohydrate Polymers
	Separation of strontium and yttrium in nitric acid solutions using zirconium titanium phosphate and Dowex exchangers	Journal of Radioanalytical and Nuclear Chemistry
Dr. Ismail Mohamed Ahmed Ibrahim	Retention behavior of anionic radionuclides using metal hydroxide sludge	Mining, Metallurgy & Exploration
	Solvent Extraction Separation of La, Sm and Dy from Sulfate-Phosphate Medium by CYANEX 272 in Kerosene	Separation and Purification Technology 234 (2020) 116060
Dr. Abdelaziz Ahmed Nayl Dr. Ismail Mohamed Ahmed Ibrahim	Selective sorption of ^{134}Cs and ^{60}Co radioisotopes using synthetic nanocopper ferrocyanide-SiO ₂ materials	Separation and Purification Technology 234 (2020) 116060
	A Convenient Green Synthetic Approach to the Synthesis of Novel Bio-active Selenolo[2,3-c] pyrazoles as Antibacterial and Antifungal Agents	J. Heterocyclic Chem
Dr. Yasser Aboubakr Abdelmoez	Synthesis and characterization of new ,quinazolinylmethylsulfanylpyridines quinazolinylthieno[2,3-b]pyridines and [pyrido[3',2':4',5' thieno[3',2':4',5']pyrimido[6,1-b]quinazolines	Arkivoc
Dr. Wael Abdelgayed Ahmed Arafa Dr. Abdelaziz Ahmed Nayl	Water as a solvent for Ru-catalyzed click reaction: Highly efficient recyclable catalytic system for triazolocoumarins synthesis	Appl. Organometal. Chem
	Design, Sonosynthesis, Quantum.Chemical Calculations, and Evaluation of New Mono- and Bis-pyridine Dicarboxitriles as Antiproliferative Agents	Chinese journal of chemistry

Dr. Wael Abdelgayed Ahmed Arafa	A facile, practical and metal-free microwave-assisted protocol for mono- and bis-[1,2,4]triazolo[1,5-a]pyridines synthesis utilizing 1-amino-2-imino-pyridine derivatives as versatile precursors	RSC Advances
	New dicationic DABCO-based ionic liquids: a scalable metal-free one-pot synthesis of bis-2-amino-5-arylidene-thiazol-4-ones	R. Soc. Open sci
	Sonochemical Preparation of Dipicolinamide Mn-complexes and Their Application as Catalysts Towards Sono-synthesis of Ketones	J. Heterocyclic Chem
	Sustainable and scalable synthesis of polysubstituted bis-1,2,4-triazoles, bis-2-iminothiazolines and bis-thiobarbiturates using bis-N,N-disubstituted thioureas as versatile substrate	R. Soc. Open sci
	Deep eutectic solvent for an expeditious sono-synthesis of novel series of bis-quinazolin-4-one derivatives as potential anti-cancer agents	R. Soc. Open sci
Dr. Abdelaziz Ahmed Nayl	Development of sponge/ graphene oxide composite as a filter to remove methylene blue	Applied Surface Science
	Decontamination of organic pollutants from aquatic media using cotton fiber-graphene oxide composite utilizing batch and filter adsorption techniques: comparative study	RSC Adv
	A novel method for highly effective removal and determination of binary cationic dyes in aqueous media using a cotton-graphene oxide composite	RSC Adv
Dr. Moudther Farouk Hussein	Investigation of some recycled oils as fluids for polyurea greases	Petroleum Science and Technology
	Preparation, characterization, and evaluation of fatty amide derivative of soybean oil as a rheological and tribological modifier for lubricating Oils	Int. J. Pharm. Sci. Rev. Res.,
	Removing Iron Ions Contaminants from Groundwater Using Modified Nano-Hydroxyapatite by Nano Manganese Oxide	Journal of Water Resource and Protection
Dr. Tarek Ahmed Saif EL Nasr	Synthesis, Characterization and Corrosion Inhibition of N'-Phenylbenzohydrazide Derivative Metal Complexes: Experimental and Quantum Chemical Studies	Zeitschrift für Physikalische Chemie
Dr. Amr Abd El Naby Ibrahim Essawy	Biocompatible and Biodegradable Chitosan Composites in Wound Healing Application: In Situ Novel Photo-Induced Skin Regeneration Approach	Sustainable Polymer Composites and Nanocomposites
Dr. Mutairah Shaker Alshammari Dr. Amr Abd El Naby Ibrahim Essawy	Ultrasonic-Assisted Synthesis and Characterization of Chitosan-Graft-Substituted Polyanilines: Promise Bio-Based Nanoparticles for Dye Removal and Bacterial Disinfection	Journal of Chemistry
Dr. Ahmed Hassan El Ghorab	Effect of Psyllium Husk Based Dietetic Cookies on Hematological Parameters of Normal and Hypercholesterolemic Subjects	Eurasian Journal of FOOD SCIENCE AND TECHNOLOGY 75
	Surface-functionalization of activated carbon with polyglucosamine polymer for efficient removal of cadmium ions.	Polymer composites
Dr. Mohamed Reda Ali Abdullah Berber	Current Advances of Polymer Composites for Water Treatment and Desalination	Journal of chemistry
	Efficient tailoring of platinum nanoparticles supported on multiwalled carbon nanotubes for cancer therapy	Nanomedicine

Dr. Ibrahim Bayoumi Abdel-Fareed Dr. Osama Ahmed Mohallal Dr. Hazim Mohamed Ali Mahran Dr. Ahmed Hassan El Ghorab Dr. Khaled Farouk Sayed Hassan	Metabolomic characterization and antioxidant activity of three varieties of <i>Olea europaea</i> growing in Aljouf region, Saudi Arabia	SYLWAN.,
Dr. Ahmed Hassan El Ghorab Dr. Khaled Farouk Sayed Hassan	IMPACT OF FLAVOR ENHANCERS ON CHEMICAL CONSTITUENTS AND ANTIOXIDANT ACTIVITY OF CHICKEN FAT BYPRODUCTS AND CYSTEINE MODEL SYSTEMS	SYLWAN.,
Dr. Hazim Mohamed Ali Mahran Dr. Tarek Ahmed Seaf EL Nasr	Simultaneous determination of piroxicam and norfloxacin in biological fluids by high-performance liquid chromatography with fluorescence detection at zero-order emission mode	Luminance, the journal of Biological and chemical luminance
	Efficiency Improvement of a Gas Chromatographic-Mass Spectrometric Method for Quantification of Nicotine in Hookah (Water Pipe) Tobacco Products	Journal of Engineering and Applied Sciences
Dr. Hazim Mohamed Ali Mahran	Metabolomic characterization and antioxidant activity of three varieties of <i>Olea europaea</i> growing in Aljouf region, Saudi Arabia.	SYLWAN.,
	Simple GC-MS method for analysis of Levetiracetam and process-related toxic impurity	Microchemical Journal
	Corrosion Inhibition of Sabc Iron in Different Media Using Synthesized Sodium N-dodecyl Arginine Surfactant	Int. J. Electrochem. Sci
Dr. Mervat Abdelaziz Elsherif	Associations of 25-hydroxyvitamin D Deficiency with metabolic components and Adiponectin among obese young adults, Saudi Arabia	BIOSCIENCE RESEARCH
	THE IMPACT OF SOME BIOREGULATORS ON GROWTH, CHEMICAL CHARACTERS AND RADICAL SCAVENGING PROPERTIES OF ONION VOLATILE OIL	Pak. J. Agri. Sci.,
	Antimicrobial evaluation and molecular properties prediction of pyrazolines incorporating benzofuran and pyrazole moieties	Journal of Applied Pharmaceutical Science
Dr. Hallouma Khamis Bilel Dr. Mervat Abdelaziz Elsherif Dr. Shaimaa mohamed nabil	Seeds oil extract of <i>Mesembryanthemum forsskalii</i> from Aljouf- Saudi Arabia: Chemical composition, DPPH radical scavenging and antifungal activities	Journal of Oilseeds and fats, crops and Lipids"OCL"
Dr. Hallouma Khamis Bilel	Synthesis of New 2-Amino-6-(4-hydroxy-2-oxo-chromen-3-yl)-4-aryl Nicotine Nitrile in Eco-Friendly Media and their Antimicrobials and DPPH Radical Scavenging Activities	Asian Journal of Chemistry
Dr. Nadia Ali Ahmed Al-Kenzi	Synthesis of new pyrazole containing 1,4- dihydroquinoxaline 2-carbonitrile moiety	Heterocyclic Letters
	Synthesis, Molecular Modeling, and Antiviral Activity of Novel Triazole Nucleosides and Their Analogs	Russian Journal of General Chemistry
Dr. Nadia Ali Ahmed Al-Kenzi Dr. Hajar Al-Harishi	Green Synthesis, Characterization and Biological Evaluation of New PyrazinoPyrido Quinolone Derivatives under Catalyst free Conditions	Journal of Applicable Chemistry
Dr. Nadia Ali Ahmed Al-Kenzi Dr. Amira Atef Mahmoud	Design, Efficient Synthesis and Antimicrobial Evaluation of Some Novel Pyrano[2, 3- b][1, 8]Naphthyridine and Pyrrolo [2,3-f][1,8] Naphth- yridine Derivatives	Der PharmaChemica

Dr. Nadia Ali Ahmed Al-Kenzi Dr. Amira Atef Mahmoud Dr. Hajar Al-Harishi	SYNTHESIS AND ANTIMICROBIAL EVALUATION OF NOVEL PYRAZOLE, IMIDAZOLE AND PYRIMIDINE DERIVATIVES POSSESSING IMIDAZO[4,5-B]INDOL MOIETY	Chem. J. Mold
Dr. Amira Atef Mahmoud Dr. Nadia Ali Ahmed Al-Kenzi	Synthesis of some novel phenylfuro[3,2-d]pyrimidine glycosides derivatives with expected antimicrobial activity	Journal of the Iranian Chemical Society
Dr. Hajar Al-Harishi Dr. Nadia Ali Ahmed Al-Kenzi	Synthesis ,antimicrobial activities and molecular docking studies of newly isolated β -Lactams and thiazolidinone derivatives from 1,4 dihydroquinoxaline Schiff 'S' base.	Chem. J. Mold
Dr. Sabreen Harbi Mohammad	Extraction-Free Spectrophotometric Assay of the Antitussive Drug Pentoxifyverine Citrate using Sulfonephthalein Dyes	Journal SpectrochimicaActa, Part A: Molecular and Biomolecular Spectroscopy
	A review on the methods used for the estimation of the antiviral drug simeprevir	Current topics in analytical chemistry
	Spectroscopic, thermogravimetric studies and DFT calculations of pentoxifyverine citrate ion-pairs with sulfonephthalein dyes	Journal of Molecular Structure
Dr. Nadia Ali Ahmed Al-Kenzi	Simultaneous Quantification of Diaveridine and Sulfadimidine by Derivative and Ratio Derivative UV Spectroscopy	Egyptian journal of chemistry
	Convenient Synthesis of Novel Nitrogen Bridgehead Heterocycles Utilizing 3-Mercapto-6H-[1,2,4,5]oxatriazino[3,2-a]indol-6-one as a new synthon	Journal of heterocyclic chemistry
	Design, Synthesis, and Antimicrobial Evaluation of New Annulated Pyrimido[2,1-c][1,2,4]triazolo[3,4-f][1,2,4]triazines	Molecules
	An Efficient Synthetic Approach Towards Benzo[b]pyrano[2,3-e][1,4]diazepines, and Their Cytotoxic Activity	Molecules
	Synthesis of new pyrimido[1,2-b][1,2]thiazines and thiazino[3,2-c][1,2,4]triazines	heterocyclic letters
Dr. Nadia Ali Ahmed Al-Kenzi Dr. Hajar Al-Harishi	Preparation of some novel thiazolidinones, imidazolinones and azetidinone bearing pyridine and pyrimidine moieties with antimicrobial activity	Journal of heterocyclic chemistry
	Design and evaluation of antimicrobial activity of new pyrazoles, 1,2,4-triazole and 1,3,4-thiadiazol derivatives bearing 1,4-dihydroquinoxaline moiety	Russian journal of bioorganic Chemistry
Dr. Nadia Ali Ahmed Al-Kenzi Dr. Fatin Moawad Zahou	Mini review on Synthesis of different pyrimidine derivatives and their biological activity	heterocyclic letters

Dr. Rehab Galal Elsharkawy	Multi-walled carbon nanotubes decorated with Cu(II) triazole Schiff base complex for adsorptive removal of synthetic dyes	Journal of Molecular Liquids
	Silver nanoparticles deposition on silica, magnetite, and alumina surfaces for effective removal of Allura red from aqueous solutions	Journal of Sol-Gel Science and Technology
	Chemical insight into the adsorption of reactive wool dyes onto amine functionalized magnetite/silica core shell	Environmental science and pollution research
	Nano-hybrid based on polypyrrole/chitosan/grapheneoxide magnetite decoration for dual function in water remediation and its application to form fashionable colored product	Advanced Powder Technology
Dr. Hajar Al-Harishi	Anchoring of green synthesized silver nanoparticles onto various surfaces for enhanced heterogeneous removal of brilliant green dye from aqueous solutions with error analysis study	Colloids and Surfaces A
	Selective Electrochemical Determination of Etoposide Using a Molecularly Imprinted Overoxidized Polypyrrole Coated Glassy Carbon Electrode	International Journal of Electrochemistry
Dr. Nadia Ali Ahmed Al-Kenzi Dr. Amira Atef Mahmoud	Design, Synthesis, Molecular Modeling Study, and Antimicrobial Activity of Some Novel Pyrano[2,3-b]pyridine and Pyrrolo[2,3-b]pyrrolo[2,3-d] pyridine Derivatives	J. Heterocyclic Chem
	Synthesis and antimicrobial evaluation of new glucosyliminothiazole derivatives	Journal of the Iranian Chemical Society
Dr. Amira Atef Mahmoud Ghoneim	Selective cyclooxygenase inhibition and ulcerogenic liability of some newly prepared anti-inflammatory agents having thiazolo[4,5-d]pyrimidine scaffold	Bioorganic Chemistry
	SYNTHESIS, REACTIONS, AND PROPERTIES OF CHALCONES	Heterocyclic Letters
Dr. Maria El Mouldi Nasri	Magnetic Entropy Change in $\text{La}_{0.57}\text{Nd}_{0.1}\text{Sr}_{0.13}\text{Ag}_{0.2}\text{MnO}_3$ by Means of Theoretical Models	Journal of Low Temperature Physics
	Synthesis and characterization of $(1-x)(\text{La}_{0.6}\text{Ca}_{0.4}\text{MnO}_3)_x(\text{Sb}_2\text{O}_3)$ ceramic composites	Phase Transitions
	Microstructural, magnetic, electrical transport and large magnetoresistance properties of $\text{La}_{0.57}\text{Nd}_{0.1}\text{Sr}_{0.13}\text{Ag}_{0.2}\text{MnO}_3$	Journal of Low Temperature Physics
	Modeling of Magnetic, Magnetocaloric Properties and Dielectrical Characterization of $(\text{La}_{0.75}\text{Nd}_{0.25})_2/3(\text{Ca}_{0.8}\text{Sr}_{0.2})_1/3\text{MnO}_3$ Manganite Oxide	Journal of Electroceramics

Dr. Amira Atef Mahmoud Dr. Mervat Abdelaziz Elsherif	Review on Synthesis of N-glucosylamine Derivatives and Their Biological Activity	Journal of Chemical and Pharmaceutical Research
Dr. Wassila Derafa	Synthesis, electrochemical and heterogeneous electrocatalytic behaviors of anovel non-symmetricalcopper (ii) complex..	Journal of Fundamental and Applied Sciences
Dr. Basma Ali Balboul	Nano Titania Combined with Micro Silica Reinforced Limestone Cement: Physico-mechanical Investigation	Egyptian Journal of Chemistry
	Synthesis and characterization of newly synthesized Schiff base ligand and its metal complexes as potent anticancer	Journal of Molecular Structure
Dr. Rania Hosny Taha Ahmed	newly synthesized derivatives of bis(hydrazine-1 carbo- thioamide) and their metal complexes synthesized in bulk and nano size as potent anticancer agents	Applied Organometallic Chemistry
	Corrosion inhibition of two Schiff base complexes on the mild steel in 1M HCl solution	Egyptian Journal of Chemistry
	A study of newly synthesized ligand and its metal complexes in bulk and nano-size and metal uptake efficiency	Applied Organometallic Chemistry
Dr. Rehab galal Elsharkawy Dr. Rania Hosny Taha Ahmed	Immobilization of novel inorganic nano-complexes onto MWCNTs nano-materials as a novel adsorbent and an anti-inflammatory therapy in induced model of rheumatoid arthritis	nanotechnology
Dr. Sirin Dahfer Dr. Nadia Ali Ahmed Al-Kenzi	Therapeutic and medicinal uses of olive oil and importance of phenolic and volatile compounds	Wulfenia Journal
Dr. Mutairah Shaker Alshammari	Assessment of Sewage Water Treatment Using Grinded Bauxite Rock as a Robust and Low-Cost Adsorption	Hindawi Journal of Chemistry
	Microwave synthesis of nanocrystalline LaCoO3 samples and their catalytic activity towards decomposition of isopropanol	Reaction Kinetics, Mechanisms and Catalysis
Dr. Rasha Mohamed Kamal	Electronics structure and optical properties of SrPbO3 and SrPb0.94Fe0.06O3: A first principle approach	Eurasian Chemical Communications
	Design and synthesis of heterocyclic Compounds from 1,4-diacetylbenzene with Expected Antimicrobial Activity	Egyptian Journal of Chemistry

Physics Department

Author	Title	Name of the Magazine
Dr.. Meshal Mefleh Al-Zaid Dr. Wael Saad Mohamed	Impact of Co ²⁺ Substitution on Microstructure and Magnetic Properties of Co _x Zn _{1-x} Fe ₂ O ₄ Nanoparticles	Nanomaterials
Dr. Nomery Mohamed Abass Hadia Dr. Meshal Al-zaid Dr. Wael Saad Mohamed	Tailoring the physical properties of low dimensional MgO nanostructures using vapor transport deposition	Materials Characterization
Dr. Zeyad Alruwaili	The effect of an air gap on a 2D monolithic silicon detector for relative dosimetry	Journal of Instrumentation
	A facile synthetic approach and optical properties of AuNPs/CdSe tetrapod and AuNPs/CdSe@rGO nanocomposites	Journal of Molecular Liquids
Dr. Nadia Al-Zaidi Dr. Ziad Awad Aqil Ruwaili	Spontaneous Magnetization Estimation and Magnetocaloric Effect Study by Means of Theoretical Models in La _{0.67} Pb _{0.33} MnO ₃	Journal of Superconductivity and Novel Magnetism
Dr.. Ziad Awad, a sane Ruwaili Dr. Numiri Muhammad Abbas Hadiya	Ellipsometric evaluation and morphology of mixed zinc sulfide/zinc oxide and zinc oxide nanostructures synthesized at various temperatures	Canadian Journal of Physics
Dr. Ziad Awad, a sane Ruwaili Dr. Ibrahim Hotan Al-Suhaimi Dr. Amr Abdel Nabi Ibrahim Essawy Al-Ruwaili Saif Dr. Hassan Mohamed Ahmed Hassan	Green fabrication of silver imprinted titania / silica nanospheres as robust visible light-induced photocatalytic wastewater purification	Journal of Materials Chemistry and Physics
Dr. Ali Atta Mohamed Ahmed	Effect of low energy oxygen ion beam treatment on the structural and physical properties of ZnO thin films	Surface Review and Letter
	Characterization and optimization of low-energy broad-beam ion source	Emerging Materials Research
	Ion beam and discharge characteristics of a cold cathode ion source	Indian Journal of Pure & Applied Physics
Dr. Ali Ataa Mohammed Ahmed Dr. Islam Abdel Tawab El Sayed Abdel Tawab	Ion Beam Irradiation Effects on Surface Morphology and Optical Properties of ZnO/PVA Composites	Surface Review and Letter
Dr. Reda Mohammed Al-Sayed Al-Ajmi	Thermal analysis and CW laser operation at 1.998 μ m in end pumped Tm:YAP lasers	PHOTONICS LETTERS OF POLAND
	Sky twilight brightness at zenith expressed in magnitudes	Journal of Astronomy and Geophysics

Dr. Mohamed Amin Yousif	Natural radioactivity in sediments along the middle region of red sea coast, Egypt	Journal of Physical science
	Estimate the Absolute Efficiency by MATLAB for the NaI (TI) Detector Using IAEA-314	AIP Conference Proceedings
	Assessment of Natural Radionuclides and Heavy Metal Concentrations in Marine Sediments in View of Tourism Activities in Hurghada City, Northern Red Sea, Egypt	Journal of Physical science
	Transfer factor of natural radionuclides from clay loam soil to sesame and Cowpea: radiological hazards	INTERNATIONAL JOURNAL OF RADIATION RESEARCH
Dr. Jihad Belkacem Laifi	Role of the TMG flow rate on the GaN layer properties grown by MOVPE on (hkl) GaAs substrates.	Materials Science in Semiconductor Processing
	Impact of Carrier Gas on the GaN Layers Properties Grown on (001) and (11n) GaAs Substrates by AP-MOVPE: Comparative Study	Semiconductors Journal
Dr. Mohamed Fathi Hasaneen Dr. Zeyad Alruwaili Dr. Wael Saad Mohamed	Structure and optical properties of polycrystalline ZnSe thin films: validity of Swanepol's approach for calculating the optical parameters	Material research express
	MATLAB image treatment of Copper-Steel Laser welding	Advances in Materials Science and Engineering
Dr. Masoud Mustafa Dr. Mohamed El-Ashry Dr. Mostafa Mubarak	Effects of growth technique on the microstructure of CuInSe ₂ ternary semiconductor compound	Heliyon
	Structural and transport properties of Ag _x (Ga _{0.4} Se _{0.6}) _{100-x} system (x = 2.5, 5.0, 7.5, 10.0 and 12.5)	Journal of Crystal Growth
Dr. Ahmed Abu Al-Maaref Abdel Rahim Hussein	Cross sections by electron impact excitation and ionization of tungsten ions, W ³⁹⁺	Journal of Electron Spectroscopy and Related Phenomena
	XUV spectra and soft X-ray laser wavelengths of 4f–4d transitions in Ni ⁺⁸	Indian Journal of Physics
	Judd–Ofelt analysis and physical properties of erbium modified cadmium lithium gadolinium silicate glasses	Journal of Materials Science: Materials in Electronics
Dr. Muhammad Fathi Hassanin	Cross sectional complex structure analysis is a key issue of thin film research: A case study on the preferential orientation crossover in TiN thin films	Thin Solid Films
	Matched Filter Based detection over time varying fading channels by optimizing the Value of cost function	Open Science Journal vol 4.No.1.
Dr. Muhammad Israel Dr. Ahmed Mohamed Mustafa Dr. Mohamed Amin Mahmoud Youssef Dr. Ziad Awad Aqil Ruwaili	The dependence of natural radioactivity levels and its radiological hazards on the texture of agricultural soil in Upper Egypt	Environmental Earth Sciences

Dr. Ahmed Mohamed Ahmed Mostafa	Comparison study of photon attenuation characteristics of Poly vinyl alcohol (PVA) doped with $Pb(NO_3)_2$ by MCNP5 code, XCOM and experimental results	Progress in Nuclear Energy
	Investigation of mechanical and radiation shielding features of heavy metal oxide based phosphate glasses for gamma radiation attenuation applications	Journal of Materials Science: Materials in Electronics
	Synthesis and characterization of lead borate glasses comprising cement kiln dust and Bi_2O_3 for radiation shielding protection	Materials Chemistry and Physics
Dr. Mohamed Amin Uosif Dr. Ahmed Mohamed Ahmed Mostafa Dr. Zeyad Alruwaili	Optical, structural and nuclear radiation shielding properties of $Li_2B_4O_7$ glasses: effect of boron mineral additive	Applied Physics A
	Structural, mechanical and radiation shielding properties of newly developed tungsten lithium borate glasses	JOURNAL OF NON-CRYSTALLINE SOLIDS
Dr. Massaud Mostafa Dr. Zeyad Alruwaili	Soil-Soybean Transfer Factor of Natural Radionuclides in Different Soil Textures and the Assessment of Committed Effective Dose	Radiation Protection Dosimetry
	Ferroelectric behavior and spectroscopic properties of La-Modified lead titanate nanoparticles prepared by a sol-gel method	Heliyon
Dr. Anwar Muhammad Darzi	Structural and magnetotransport properties of (La, Pr)-Ba manganites	Journal of Alloys and Compound
	Anomalous behavior above the Curie temperature in $(Nd_{1-x}Gd_x)_{0.55}Sr_{0.45}MnO_3$ ($x = 0, 0.1, 0.3$ and 0.5)	RSC Advances
	Structural, magnetic and AC susceptibility properties of $Dy_{0.5}(Sr_{1-x}Ca_x)_{0.5}MnO_3$ ($0 \leq x \leq 0.3$) manganites	Journal of Molecular Structure
	Sintering temperature effects on some physical properties of a $Dy_{0.5}(Sr/Ca)_{0.5}MnO_3$ system	The European Physical Journal Plus
	Nano-sized magnetocaloric compounds investigation by using magnetization measurement and Monte Carlo simulation: Case of LSMO nanoparticles	Materials Today Communications
Dr. Abdelazim M Mebed	Close look on the impact of treating dysprosium manganite with Ca/Sr in terms of transport properties	Journal of Alloys and Compound
	Review on the Formation of Anodic Metal Oxides and their Sensing Applications	Current Nanoscience, 2019, 15(1): 6 – 26
	Two Phase Co-Cu Thin Films with Size Distribution of Ferromagnetic Nanostructures Optimum for Giant Magneto Resistance	Current Nanoscience
Dr. Hassan Shukri	Influence of Anodizing Parameters on the Electrochemical Characteristics and Morphology of Highly Doped p-type Porous Silicon	Silicon
	Synthesis and Characterization of Stabilized Tetragonal Nano Zirconia by Precipitation Method	Journal of Nano Research
	Electrospun Polyvinyl Alcohol Nanofibers Containing Titanium Dioxide for Gas Sensor Applications	Arabian Journal for Science and Engineering

Dr. Mohamed ramadan Elaassar Dr. Hassan Shukri	Isothermal, kinetic, and thermodynamic studies on copper adsorption on modified styrene acrylonitrile copolymer	Arabian Journal for Science and Engineering
Dr. Chakroun Omer Ali Bilel	Physical investigations on annealed structure Cu/La ₂ O ₃	Journal of Materials Science: Materials in Electronics
	Electron Mobility Calculation of Diluted III–V-Nitrides Alloys	Semiconductors
	Formation of Fe nanowires on Cu(100) vicinal surfaces	Results in Physics
	Optical absorption of new n-doped GaN _{0.38} As _{1-1.38} ySb _y /GaAs QWs suitable for the design of 0.8-1 eV solar cells	International Journal of Control, Energy and Electrical Engineering
Dr. Nomery Mohamed Abass Hadia	Linear and Non-linear Optical Parameters of Diluted Magnetic Semiconductor CdS _{0.9} Mn _{0.1} Thin Film: Influence of the Film Thickness	Journal of ELECTRONIC MATERIALS
	Tuning the optical, electrical resistivity and structural properties of DC magnetron sputtered aluminum zinc oxide films by changing the oxygen flow rate	Applied Physics
	Study of the effects of both film thickness and annealing time on Cu _x SyO _z thin films for the possibility of usage as solar control coatings	Applied Physics
	Simultaneous synthesis of various Sb ₂ S ₃ nanostructures by vapor transport technique	Materials Chemistry and Physics
	Composition dependence of structural and linear and non-linear optical properties of CdS _{1-x} Mnx semiconducting thin films	Applied Physics
	Effects of Thickness and Ag Layer Addition on the Properties of ZnS Thin Films	ACTA PHYSICA POLONICA
Dr. Gamal Ezat khalil	Optical Properties of Nanowires Based on a Blend of Poly (9,9-dioctylfluorene) [PFO] and (poly(9,9-dioctyl fluorene-alt-benzothiadiazole	Physica E: Low-dimensional Systems and Nanostructures
Dr. Hani Hussein Najm	Modeling the Head of PRIMUS Linear Accelerator for Electron-Mode at 10 MeV for Different Applicators.	Journal of Applied Clinical Medical Physics, 1–8, 2020
	Variations in growth behavior, yield and DNA stability of two vegetable crops cultivated in radioactive spiked soils	Environmental Pollution, Vol. 259, 113891, 2020
Dr. Mustafa Mubarak	Some Optical properties for Agx (Ga _{0.4} Se _{0.6}) _{100-x} system (x=2.5, 5.0, 7.5, 10.0 and 12.5)	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH

Dr. Wael Saad Mohamed	Sonochemically synthesized Ni-doped ZnS nanoparticles: structural, optical, and photocatalytic properties	Journal of Materials Science: Materials in Electronics
	Impact of rare earth europium (RE-Eu ³⁺) ions substitution on microstructural, optical and magnetic properties of CoFe _{2-x} Eu _x O ₄ nanosystems	Ceramics International
	Structure, Optical, Corrosion, and Photocatalytic Properties of Thermally Evaporated Molybdenum Trioxide Thin Films Deposited on Different Substrates	International Journal of New Horizons in Physics
	Promising molybdenum trioxide films for optically detectable gas sensor and solar cell applications	Materials Research Express
Dr. Tarek Elmosalami	Improvement of strength-ductility trade-off in a Sn-0.7Cu-0.2Ni lead-free solder alloys through Al-microalloying	Journal of Materials Science: Materials in Electronics
Dr. Nami Abdul Moeen Althbaiti	Shape coexistence in ¹⁸⁷ Au studied by laser spectroscopy	PHYSICAL REVIEW C
	Hyperfine anomaly in gold and magnetic moments of I _π = 11/2- gold isomers	PHYSICAL REVIEW C
	α-decay branching ratio of ¹⁸⁰ Pt	PHYSICAL REVIEW C
	Mass measurements of neutron-rich isotopes near N = 20 by in-trap decay with the ISOLTRAP spectrometer	PHYSICAL REVIEW C
Dr. Asma Rachid Arfaoui	Physical characterizations of the sprayed ZrMo ₂ O ₈ thin films	optik
	Physical investigations on mixed quaternary oxide Co _{0.7} Fe _{0.3} (MoO ₄) thin film	Applied Physics A
Dr. Ahlam Sharif Dr. Maria Khelifi	Magnetic Entropy Change in La _{0.57} Nd _{0.13} Sr _{0.13} Ag _{0.2} MnO ₃ by Means of Theoretical Models	Journal of low temperature physics

Dr. Islam Abd Al-Tawab Dr. Hanan Hassan Hantour	Observation of Ferromagnetism in Heavy Ion Bi-doped Nanocrystalline Zinc Oxide Prepared by Co-precipitation	Journal of Superconductivity and Novel Magnetism
	Studies of the Magnetocaloric and Electrical Properties of $\text{La}_{0.7}\text{Er}_{0.05}\text{Sr}_{0.15}\text{Ca}_{0.1}\text{Mn}_{1-x}\text{In}_x\text{O}_3$ ($0 \leq x \leq 0.30$)	Journal of Superconductivity and Novel Magnetism
	Structural characterization and Magnetic interactions of $\text{La}_{0.7}\text{Sr}_{0.25}\text{Na}_{0.05}\text{Mn}_{1-x}\text{Al}_x\text{O}_3$	Journal of Superconductivity and Novel Magnetism
Dr. Nadia Zaidi		
Dr. Sonia Mohamed Reda	Effect of the MOX Fuel and ENDF/B-VIII on the AP1000 Neutronic Parameters Calculations Using MCNP6	Nuclear Technology & Radiation Protection
	Investigating the Performance and Safety Features of Pressurized Water Reactors Using the Burnable Poisons	Annals of Nuclear Energy
Dr. Alzahraa AbdElmoula	Enhancing the capability of plasma treated austenite stainlesssteels as thermal reactor materials	Materials Research Express
Mrs. Sheikha Al-Shammari	Preparation and photoluminescence of NiFe_2O_4 nanoparticles	Journal of Materials Science: Materials in Electronics
	The effect of Ni/Fe ratio on the physical properties of NiFe_2O_4 nanocomposites	Materials Research Express

Biology Department

Author	Title	Name of the Magazine
Dr. Mousa Othmain Germoush	Protective Role of <i>Monolluma quadrangula</i> Extract Against Hyperammonemia, Oxidative Stress and Inflammation in Ammonium Chloride-induced Rats.	Asian Journal of Scientific Research
Dr. Mousa Othmain Germoush Dr. Ibrahim Hotan Z Alsohaimi Dr. Hazim Mahran	Oral administration of a potassium bromate dosage: Determination and evaluation of accumulated bromate in mice's male liver	Drug and Chemical Toxicology

Dr. Mousa Othmain Germoush Dr. Hassan Ali Hassan Elgebaly	Consumption of Terpenoids-Rich <i>Padina pavonia</i> Extract Attenuates Hyperglycemia, Insulin Resistance and Oxidative Stress, and Upregulates PPAR in a Rat Model of Type 2 Diabetes	Antioxidants
Dr. Hassan Ali Hassan Elgebaly Dr. Mousa Othmain Germoush Dr. Nermeen Mohamed Ali Mosa Dr. Fatin Moawed Mohamed Zahou Dr. Ahmed Soffar Dr. Nasser Fahad Altaaweel	Adenium Obesum flowers extract mitigate testicular injury and oxidative stress in streptozotocin-induced diabetic rat	International Journal of Pharmacology
Dr. Abdulsalam Alkhaldi Dr. Fatma Hussein Galal	Morphological and Molecular Identification of Selected Coleoptera from Sakaka, Aljoudf, North-Western Saudi Arabia: Comparative study	The Indian veterinary journal
	Antileishmanial and antitrypanosomal activity of symmetrical dibenzyl-substituted α,β -unsaturated carbonyl-based compounds	Drug Design Development and Therapy
Dr. Abdulsalam Alkhaldi	Effects of some natural leads on Trypanosoma and Leishmania strains	Tropical Biomedicine
	Synthesis, antimicrobial activities and GAPDH docking of novel 1,2,3-triazole derivatives.	Tropical Journal of Pharmaceutical Research
	Docking Studies and Antiprotozoal Activity of Secondary Metabolites Isolated from <i>Scrophularia syriaca</i> Benth. Growing in Saudi Arabia	Records of Natural Products
Dr. Abdullah Marzooq Al-Hajuj Dr. Bassam Ibrahim Alowaiesh	INNOVATIVE SOLUTIONS FOR REDUCTION OF OLIVE MILL POLLUTION	Desalination and Water Treatment
	Evaluation of Certain Cosmopolitan Hydrophytes in the Nile River, Aswan District for Their Ecological and Bioactivity Potentials	International Journal of Scientific & Technology Research
Dr. Usama Ahmed Mahalel	Flavone C-glycosides from <i>Vaccaria pyramidata</i> : Structure elucidation by spectroscopy and theoretical calculations	Phytochemistry Letters
Dr. Ibrahim Bayoumi Abdel-Farid	Extracts from Yeast and Carrot Roots Enhance Maize Performance under Seawater-Induced Salt Stress by Altering Physio-Biochemical Characteristics of Stressed Plants	Journal of Plant Growth Regulation
	PROXIMATE COMPOSITION AND FATTY ACID PROFILES OF SELECTED FISH SPECIES FROM PAKISTAN	The Journal of Animal & Plant Sciences
Dr. Hassan Ali Hassan Elgebaly	Effect of Black and Green Tea on Experimental Sodium Oxalate-Induced Nephrotoxicity in Adult Male Mice.	Egyptian Journal of Histology
Dr. Khaled Farouk Al-Masry Dr. Ahmed Hassan Ragab Al-Ghurab Dr. Hassan Ali Hassan al-Jabali Dr. Nermeen Mohamed Ali Musa Dr. Ibrahim Hotan Al-Suhaimi	Microencapsulation of Date Seed Oil by Spray-drying for Stabilization of Olive Oil as a Functional Food	Asian Journal of Scientific Research
Dr. Ibrahim Bayoumi Abdel-Fareed Dr. Osama Ahmed Mohallal Dr. Hazem Mohamed Ali Dr. Khaled Farouk Al-Masry Dr. Ahmed Al-Ghurab	Metabolomic characterization and antioxidant activity of three varieties of <i>Olea europaea</i> growing in Aljoudf region, Saudi Arabia	Sylwan

Dr. Ibrahim Bayoumi Abdel-Farid Dr. Hassan Ali Hassan Elgebaly Dr. Usama Ahmed Mahalel	Metabolomic Profiling and Antioxidant, Anticancer and Antimicrobial Activities of <i>Hyphaene thebaica</i>	Processes
Dr. Hassan Ali Hassan Elgebaly Dr. Haifa Abdul Aziz Sakit	<i>Olea europaea</i> leaf extract up-regulates Nrf2/ARE/HO-1 signaling and attenuates cyclophosphamide-induced oxidative stress, inflammation and apoptosis in rat kidney	Biomedicine & Pharmacotherapy 98, 446-453
	Soy isoflavone loaded alginate microspheres in thermosensitive gel base; attempts to improve wound healing efficacy	Journal of Pharmacy and Pharmacology.
Dr. Fathy El-shaer Mohammed Khalil	Comparative Morphometric Studies of the Cranium in the Three Types of Birds with Different Feeding Behaviors	Egypt. Acad. J. Biolog. Sci
	Anatomical and Histological Study of the Tongue and Histochemical Features of lingual glands in Two Birds with Different Feeding Behaviors	Advances in animal and veterinary sciences
Dr. Hanan Taher Hamza Dr. Fayez Muhammad Shaldoum	HISTOPATHOLOGICAL STUDY ON MICE EXPERIMENTALLY INFECTED WITH <i>S. MANSONI</i> AND TREATED BY NEEM AND MIRAZID	J. Egypt. Soc. Parasitol.
Dr. Fayez Muhammad Shaldoum	Diagnosis of human filariasis using purified <i>Setaria equina</i> antigen	Sylwan
	Biotechnological Applications Of Bioinformatics In The Post Genomic ERA	International Conference on Computer and Information Sciences
Dr. Bin Omar Al-Shabba	Chitosan: Properties, Modifications and Food Nanobiotechnology	Procedia Manufacturing
	<i>Bacillus</i> Sp. R2 Chitinase: Substrate Specificity, Shelf-Life Stability, and Antifungal Activity	Procedia Manufacturing
	Olive Waste Valorization for Food Biotechnological Applications	Journal of Innovative Science and Technology (JIST)
Dr. Ibrahim Hotan Z Alsohaimi Dr. Amr Mohamed Elsayed Nassar Dr. Tarek Ahmed Saif EL Nasr Dr. Bin Omar Al-Shabba	A Novel Composite Silver Nanoparticles Loaded Calcium Oxide Stemming from Egg Shell Recycling: A Potent Photocatalytic and Antibacterial Activities	Journal of Cleaner Production
	Descriptive studies on the tongue of two micro-mammals inhabiting the Egyptian fauna; the Nile grass rat (<i>Arvicanthis niloticus</i>) and the Egyptian long-eared hedgehog (<i>Hemiechinus auritus</i>).	Microscopy Research and Technique
Dr. Diaa fawzi mohamed massoud	Anatomical features of the tongue of two chiropterans endemic in the Egyptian fauna; the Egyptian fruit bat (<i>Rousettus aegyptiacus</i>) and insectivorous bat (<i>Pipistrellus kuhlii</i>).	acta Histochemica
	Ameliorative Effect of Heat-Killed <i>Lactobacillus plantarum</i> L.137 and/or <i>Aloe vera</i> against Colitis in Mice	Processes
Dr. Taghreed Satam Abeka Al-Nassiri	Calcium availability regulates antioxidant system, physio-biochemical activities and alleviates salinity stress mediated oxidative damage in soybean seedlings	Journal of Applied Botany and Food Quality

Dr. Salam Salem AlSharari	Identification and Phylogenetic Analysis of Nine Plant Pathogenic Fungi by Application of ITS marker	BIOSCIENCE RESEARCH
Dr. Ameena Abraham maran Alsurhani	Effectiveness of Insolation on controlling peas seeds infection with pathogenic seed- borne fungus Rhizoctonia solani	Scientific Journal of King Faisal Universit
Dr. Haifa Abdul Aziz Sakit	Selenium protects wheat seedlings against salt stress-mediated oxidative damage by up-regulating antioxidants and osmolytes metabolism	Plant Physiology and Biochemistry
	Exogenous Nitric Oxide Mitigates Nickel-Induced Oxidative Damage in Eggplant by Upregulating Antioxidants, Osmolyte Metabolism, and Glyoxalase Systems	Plants
	Polyamine Action under Metal/Metalloid Stress: Regulation of Biosynthesis, Metabolism, and Molecular Interactions	Int. J. Mol. Sci.
	Impact of Combined Heat and Drought Stress on the Potential Growth Responses of the Desert Grass <i>Artemisia sieberi</i> alba: Relation to Biochemical and Molecular Adaptation	Plants
	Effect of gibberellic acid on growth, photosynthesis and antioxidant defense system of wheat under zinc oxide nanoparticle stress	Environmental Pollution
Dr. Sherifa Hamed Ahmed Mahmoud	Dramatic biochemical and anatomical changes in eggplant due to infection with <i>Alternaria solani</i> causing early blight disease	International Journal of Botany Studies
	Antidiabetic effect of the scorpion <i>Scorpiomaurus palmatus</i> body extract using alloxan-induced diabetic mice model	Journal of Taibah University for Science
Dr. Shaimaa Mohamed Nabil	Influence of <i>Pythium oligandrum</i> on Mycelia and Production of Zoo- and Oo-spores of Two Phytopathogenic <i>Pythium</i> spp.	Journal of Pure and Applied Microbiology
	Elimination of oligotrophic molds distributed in water of household reservoirs in Sakaka city	Aljouf University Science and Engineering Journal
Dr. Hallouma Khamis Bilel Dr. Mervat Abdelaziz Elsherif Dr. Shaimaa Mohamed Nabil	Seeds oil extract of <i>Mesembryanthemum forsskalii</i> from Aljouf- Saudi Arabia: Chemical composition, DPPH radical scavenging and antifungal activities	Journal of Oilseeds and fats, crops and Lipids "OCL"
Dr. Mervat Ahmed Bekhit Abdraboh	Awareness of Folic Acid Intake for Prevention of Neural Tube Defects among Women in Sakaka, Saudi Arabia	International Journal of Pharmacology
	Histological and Histochemical Alterations in the Fetal Heart Tissue of Maternal Prozac Exposure	International Journal of Pharmacology
	Histological and histochemical alterations induced in rats fetal esophageal tissue intoxicated maternally with Carisoprodol	International Journal of Pharmacology
	Effect of transplanted bone marrow on kidney tissue of γ -irradiated pregnant rats and their fetuses	Pakistan journal of biological sciences
	Carisoprodol (Somadril) induced histological and histochemical changes in renal cortex of pregnant rats and their fetuses	Pakistan Journal of Biological Sciences

Dr. Dalia Said El Sayed Hamza	Morphological Effects of Pollution on Gill of Common Clam, <i>Tapes decussatus</i> (Linnaeus, 1758 (Bivalvia: Veneridae	Egyptian Academic Journal of Biological Sciences B. Zoology
Dr. Jala Rashad Atallah	Ameliorative Effects of <i>Annona muricata</i> (Graviola) and Fullerene C60 Against Toxicity Induced by Carboplatin in Male Albino Rats	Egyptian Academic Journal of Biological Sciences B. Zoology
Dr. Fatin Moawad Mohamed Zahou	MINI REVIEW ON SYNTHESIS OF DIFFERENT PYRIMIDINE DERIVATIVES AND THEIR BIOLOGICAL ACTIVITY	Heterocyclic Letters
Dr. Mona Saber Azazb	Sequencing and Phylogenetic Analysis of the <i>Salmonella</i> Enterotoxin (stn) Gene of <i>Salmonella</i> spp. Isolated from Egyptian Broiler Breeder Chickens Farms	Egypt. Acad. J. Biolog. Sci. (C. Physiology and Molecular biology)
Dr. Hanan Taher Hamza	Histopathological and Biochemical Studies on Immunocompetent and Immunocompromised <i>Hymenolepis nana</i> Infected Mice Treated with <i>Commiphora molmol</i> (Mirazid)	Journal of Parasitic Diseases

Mathematics Department

Author	Title	Name of the Magazine
Dr. Ahmed Mohamed Ahmed Ahmed	Global behavior of a nonlinear higher-order rational difference equation	Journal of Computational Analysis and Applications
Dr. Mohammed Ibrahim Youssef	On stochastic solutions of nonlocal random functional integral equations	Arab J Math Sci
Dr.. Mohamed Ibrahim Mahmoud	Caputo-Katugampola fractional Volterra functional differential equations with a vanishing lag function	Journal of Nonlinear Sciences and Applications
	On the solvability of a general class of a coupled system of stochastic functional integral equations	Arab Journal of Basic and Applied Sciences
Dr. Abdellatif Ben Makhlouf	Finite-Time Stability for Caputo-Katugampola Fractional-Order Time-Delayed Neural Networks	Neural Processing Letters
	Finite-Time Stability of Linear Caputo-Katugampola Fractional-Order Time Delay Systems	Asian journal of control
Dr. Abdellatif Ben Makhlouf Dr. Mohamed Kharrat	Finite-time stability of linear fractional-order time-delay systems	International Journal of Robust and Nonlinear Control
Dr. Mohamed Kharrat	PRICING AMERICAN PUT OPTIONS UNDER STOCHASTIC VOLATILITY USING THE MALLIAVIN DERIVATIVE	REVISTA DE LA UNION MATEMATICA ARGENTINA
Dr. Mohammed Khalifa	m-Formally Noetherian/Artinian rings	Beiträge zur Algebra und Geometrie / Contributions to Algebra and Geometry
Dr. Maawiyaould sidi	An iterative solution for a class of optimization problems	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS

Dr. Maawiya Ould sisi Dr. Sid Ahmed Ould Beinane	Regional gradient optimal control problem governed by a distributed bilinear systems	TELKOMNIKA Telecommunication, Computing, Electronics and Control
Dr. Maawiya Ould sisi Dr. Sid Ahmed Ould Beinane	Gradient optimal control problems for a class of infinite dimensional systems	Nonlinear Dynamics and Systems Theory
Dr. El-sayed Abdelraoof El-hady	On Solutions and Stability of a Functional Equation Arising from a Queueing System	Ulam Type Stability
	On Stability of the Functional Equation of p-Wright Affine Functions in 2-Banach Spaces	Ulam Type Stability
	On Some Functional Equations with Applications in Networks	Frontiers in Functional Equations and Analytic Inequalities
	On approximately additive mappings in 2-Banach spaces	Bulletin of Australia Mathematical Society
	Investigations on the Hyers–Ulam stability of generalized radical functional equations	Aequationes Mathematicae
	On stability of the functional equation of p-Wright affine functions in $(2, \alpha)$ -Banach spaces	Journal of the Egyptian Mathematical Society
Dr. Sid Ahmed Ould Beinane Dr. Sid Ahmed Ould Ahmed Sidha	On the class of n-power D-m-quasi-normal operators on Hilbert spaces	Operators and Matrices
Dr. Sid Ahmed Ould Beinane	Polynomially-A-Normal Operators in Semi- Hilbert Spaces.	Jouf University Science and Engineering Journal
Dr. Ayoub Bashir	On a maximal subgroup of the Conway simple group Co ₃	Italian Journal of Pure and Applied Mathematics
Dr. Hassan Mashri	Jemes and Birkhoff orthogonality in B(H)	Italian Journal of Pure and Applied Mathematics
Dr. Tarek Emam Muhammed Emam	Optimality And Duality For Nonsmooth Semi-Infinite B-Invex Multi-Objective Programming With Support Functions	Global Economics Science
Dr. Nour Abdelmawla Zidan	Dynamics of the entanglement and teleportation of thermal state of a spin chain with multiple interactions	Chaos: An Interdisciplinary Journal of Nonlinear Science
	Quantum Fisher information of atomic system interacting with a single cavity mode in the presence of Kerr medium	Scientific Reports

Dr. Sid Ahmed Ould Ahmed Sidha	GENERATION OF ANALYTIC SEMIGROUPS BY A PAIR OF GENERALIZED MIXED LINEAR REGULAR ORDINARY DIFFERENTIAL OPERATORS WITH INTERFACE CONDITION	Italian Journal of pure and Applied Mathematics
	Note on (A,m) -Isometric operators in semi-Hilbertian	Journal of Innovative Science and Technology,(JIST)
	Some classes of mappings on metrics spaces	Journal of Innovative Science and Technology,(JIST)
	Classes of operators related to m -isometric operators	Operators and matrices
	JOINT NORMALITY OF OPERATORS IN SEMI-HILBERTIAN SPACES	Linear and Multilinear Algebra
	Joint A -hyponormality of operators in semi-Hilbert spaces	Linear and Multilinear Algebra
	Some results on higher orders quasi-isometries	Hacettepe Journal of Mathematics & Statistics
	(A,m) -Symmetric commuting tuples of operators on a Hilbert space	Mathematical inequalities and applications
	On n -quasi- (m,C) -isometric operators	Linear and Multilinear Algebra
	(α, β) - A -Normal Operators in semi Hilbertian spaces	Afrika matematika
Dr. Johar Mohammed	QUASICONTINUITY AND XING PRINCIPLE FOR m -SUBHARMONIC FUNCTIONS WITH RESPECT TO m -POSITIVE CLOSED CURRENT	MATHEMATICAL REPORTS
	On the essential singularities for positive currents	International Journal of Mathematics and Computer Science
Dr. Fathi Hamdi Riyad	Point and Interval Estimation for Frechet Distribution Based on Progressive First Failure Censored Data	Journal of Statistics Applications & Probability
Dr. Samir Al Mohammady Dr. Sid Ahmed Ould Beinane Dr. Sid Ahmed Ould Ahmed Mahmoud Sidha	ON (n, m) - A -NORMAL AND (n, m) - A -QUASINORMAL SEMI-HILBERT SPACE OPERATORS	Mathematica Bohemica
Dr. Tarek Emam Muhammed Emam	Non smooth Semi-Infinite E -convex Multi-Objective Programming with Support Functions	Journal of Information and Optimization Sciences

Dr. Naeem Atallah	A Numerical Method for Solving Nonlinear Equations Arising in Astrophysics	IJRTE
	Analytical properties of extended Hermite-Bernoulli polynomials	JMCS
	ON TWO PARAMETRIC KINDS OF THE GENERALIZED BERNOULLI POLYNOMIALS	JMA
Dr. Ibrahim Omar Ahmed	STUDY OF THE SPREAD OF MEASLES IN NGELWANDE CITY USING MODLING OF ORDINARY DIFFERENTIAL EQUATIONS	World Journal of Engineering Research and Technology
	THE USE OF 25-GRID POINT OF 3D BIHARMONIC EQUATION IN HUMAN FACE RECOGNITION	World Journal of Engineering Research and Technology
Dr. Abeer Yosef Alhashash	Natural convection induced by undulated surfaces in a porous enclosure filled with nanoliquid	Advances in Mechanical Engineering
	Natural convection of Nanoliquid from a Cylinder in Square Porous Enclosure using Buongiorno's Two-phase Model	Scientific Reports
Dr. Asmaa Soliman Al-Moisheer	Bivariate Mixture of Inverse Weibull Distribution: Properties and Estimation	Mathematical Problems in Engineering.



Our commitment to research

Authoring a book (a chapter in a book)

Many staff members have published several books in different international publishing houses

Chemistry Department

Staff Member Name	Book Title, or Chapter	Publisher
Dr. Rania Hosny Taha Ahmed	Biosynthesis of metal nanoparticles by certain bacterial strains	Lambert Academic Publishing
Dr. Nadia Ali Ahmed	Synthesis of Some New Spiro β -lactams and Thiazolidinones Compounds Containing Sulfur Incorporating Quinon Compounds: Advanced Study	Book Publisher international

Dr. Amr Abd El Naby Ibrahim Essawy

Inorganic Nanomaterials for Supercapacitor Design

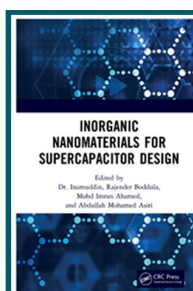
CRC Press, Taylor & Francis

Physics Department

Staff Member Name	Book Title, or Chapter	Publisher
Dr. Massaud Mohamed Ahmed Mostafa Dr. Emam Fikry Gomaa El Agammy	Experimental Electronics	Noor Publishing
Dr. Emam Fikry Gomaa El Agammy	Inorganic Nanomaterials for Supercapacitor Design	CRC Press, Taylor & Francis

Biology Department

Staff Member Name	Book Title, or Chapter	Publisher
Dr. Benamar benyassad abdel Kader Cheba	Table olives: methods of pickling and preserving	Jouf University
Dr. Hani Mohamed Awad Abdel-Zahir Dr. Shaima Mohamed Nabil	Chapter: The genus Pythium in three different continents - Book: Pythium; Diagnosis, Diseases and management	CRC Press, Taylor & Francis



Mathematics Department

Staff Member Name	Book Title, or Chapter	Publisher
Dr. El-sayed Abdelraoof Mohamed El-hady	Chapter: On Solutions and stability of a functional equation arising from a queueing system Book: Ulam's Type Stability	Springer
	Chapter: On Some functional Equations with applications in Networks Book: Frontiers in Functional equations and analytic inequalities	Springer

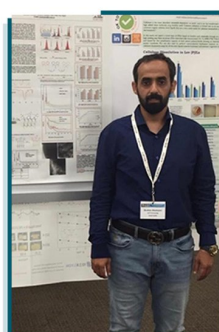


Our commitment to research

Conferences

The participation of many faculty members in international and local scientific conferences, the most prominent of which are:

Staff member Name	Conference Name	Place	Date of the session	Type of participation	Title of participation
Dr. Mosaed Saud Alhumaimess	The Netherlands Catalysis and Chemistry Conference-21st	University of Amsterdam Netherlands	2-4 March 2020 7-9 Rajab 1441 AH.	Research Paper	Tuning the shape of CeO ₂ nanoparticles using ionic liquid: A road towards diverse catalytic performance
Dr. Ibrahim Hotan Z. Alsohaimi	4th International Conference on Ionic Liquids in Separation and Purification Technology	The city of Sitges, Spain	8-12/09/2019	Research Paper	Hydrophobic ordered mesoporous ethane-silicate supported imidazolium-dibasic phosphotungstic acid ionic liquid for desulfurization of aromatic sulfur in diesel fraction.
Dr. Haifa Abdul Aziz Sakit	المؤتمر الدولي للبيئات الحبيبة شبه الجافة (البيئة والتنمية المستدامة) في منطقة عسير	Abha - KSA	16-19/09/2019	Research Paper	Chitosan: Properties, Modifications and Food Nanobiotechnology
Dr. Abeer Yosef Alhashash	International Conference on Recent Advances in Applied Mathematics 2020	UPM (Putra) - Malaysia	4-6/02/2020	Research Paper	Numerical Study of Natural Convection Between a Cold Square Enclosure and a Hot Corrugated Cylinder
	يوم الرياضيات الخامس	Princess Noura University	26/6/1441	Presentation	



Our commitment to research

Refereeing of scientific theses

Dr. Asmaa Soliman Al-Moisheer

External Referee for a PhD thesis in the Department of Statistics and Operations Research at King Saud University

entitled Finite Mixture Models Based on Lindley Distribution

Dr. Abdul Salam Al-Khalidi

External arbitrator for a PhD thesis at King Saud University, Department of Zoology

The student **Mona Al-Moayouf**

Entitled "The effect of bio-manufactured nanoparticles using figs and olives." On gene expression in female laboratory mice infected with cutaneous leishmaniasis."

Dr. Mousa Othmain Germoush

External Referee for a PhD thesis at King Saud University, Department of Zoology

The student **Abdullah Muhammad Al-Salem** entitled "" Genotoxic effects of fire-resistant phosphorous organic compounds on genome functions, cell death and carcinogenesis ".

Dr. Mousa Othmain Germoush

External Referee for a PhD thesis at King Saud University, Department of Zoology

The student **Ahmed Ali Al-Komani**

Entitled "Spatial Induction of DNA Damage and Cellular Death Programmed in Mice and Cells 7 with Particles Bio-manufactured nanoscale silver

Dr. Usama Ahmed Mahalel

External Referee for the PhD thesis at Prince Nayef University for Security Sciences in the Kingdom of Saudi Arabia

The student **Abdullah Hammoud Al-Nuwaier** Entitled "Determining the chemical components of the wild pyramid plant in the Ress area by chromatographic methods.



Our commitment to research

Published research arbitration

Reviewing Articles For ISI Journals

Chemistry Department	Physics Department	Biology Department	Mathematics Department
Dr. Mosaed Saud Alhumaimess	Dr. Ahmed Abouelmaaref	Dr. Mousa Othmain Germoush	Dr. Sid Ahmed Ould Ahmed Mahmoud Sidha
Dr. Ibrahim Hotan Z Alsohaimi	Dr. Mohamed Fathi Hasaneen	Dr. Ahmed Saffar	Dr. Ahmed Mohamed Ahmed
Dr. Hassan Mohamed Ahmed Hassan	Dr. Nomery Mohamed Abass Hadia	Dr. Hassan Ali Hassan Elgebaly	Dr. Tarek Emam Muhammed Emam
Dr. Abdelaziz Ahmed Nayl	Dr. Mohamed Amin Uosif	Dr. Ibrahim Bayoumi Abdel-Farid	Dr. Nour Abdelmawla Zidan
Dr. Ahmed Hassan El Ghorab	Dr. Ali Atta Mohamed Ahmed	Dr. Usama Ahmed Mahalel	Dr. Ayoub Bashir
Dr. Yasser Aboubakr Abdelmoez	Dr. Mohamed Ashri	Dr. Kamal Fathy Mohamed Elboray	Dr. Mohamed Kharat
Dr. Amr Abd El Naby Ibrahim Essawy	Dr. Massaud Mohamed Mostafa	Dr. Maged Fouda	Dr. Maawiya ould sidi
Dr. Wael Abdelgayed Ahmed Arafa	Dr. Ahmed Mostafa	Dr. Haifa Abdul Aziz Sakit	Dr. Abdellatif Ben Makhlof
Dr. Ismail Mohamed Ahmed Ibrahim	Dr. Reda Mohamed Elsayed Elagmy		Dr. Sid Ahmed Ould Beinane
Dr. Tamer Hamdi	Dr. Wael Saad Mohamed Ahmed		Dr. Hassan Mashri
Dr. Mohammed Abd El-Samea Ali El-Hashemy	Dr. Abdelazim M Mebed Ali		
Dr. Wassila Derafa	Dr. Nadia Salah Zaidi		
Dr. Amira atef mahmoud			
Dr. Nadia Ali Ahmed Al-Kenzi			
Dr. Hajar Al-Harishi			
Dr. Hallouma Khamis Bilel			
Dr. Rania Hosny Taha Ahmed			
Dr. Rehab galal Elsharkawy			

Reviewing for journals indexed in Scopus

Chemistry Department	Physics Department	Biology Department	Mathematics Department
Dr. Hassan Mohamed Hassan	Dr. Ahmed Abouelmaaref	Dr. Mousa Othmain Germoush	Dr. Sid Ahmed Ould Ahmed Sidha
Dr. AbdElaziz Ahmed Nayl	Dr. Mohamed Fathi Hasaneen	Dr. Ahmed Soffar	Dr. Ahmed Mohamed Ahmed
Dr. Ahmed Hassan El Ghorab	Dr. Nomery Mohamed Abass Hadia	Dr. Hassan Ali Hassan Elgebaly	Dr. Tarek Emam Muhammed Emam
Dr. Mohammed Yousry	Dr. Mohamed Amin Uosif	Dr. Ibrahim Bayoumi Abdel-Farid	Dr. Nour Zidan
Dr. Tamer Hamdi	Dr. Ali Atta Mohamed Ahmed	Dr. Usama Ahmed Mahalel	Dr. Ayoub Bashir
Dr. Wassila Derafa	Dr. Mohamed Ashri	Dr. Hani Mohamed Abdelzaher	Dr. Mohamed Kharrat
Dr. Amira atef mahmoud	Dr. Massaud Mohamed Mostafa	Dr. Fayez Muhammad Shaldoum	Dr. Maawiya ould sidi
Dr. Nadia Ali Ahmed Al-Kenzi	Dr. Ahmed Mohamed Mostafa	Dr. Kamal Fathy Mohamed Elboray	Dr. Abdellatif Ben Makhoulouf
Dr. Hajar Al-Harishi	Dr. Reda Mohamed Elsayed Elagmy	Dr. Maged Fouda	
Dr. Hallouma Khamis Bile	Dr. Wael Saad Mohamed Ahmed	Dr. Haifa Abdul Aziz Sakit	
Dr. Rania Hosny Taha Ahmed	Dr. Abdelazim M Mebed Ali	Dr. Fatma Hussein Galal	
Dr. Rehab galal Elsharkawy	Dr. Khalafallah Omar Kassem		
Dr. Sabreen Harbi Muhammad	Dr. Nadia Salah Zaidi		

Reviewing for unclassified journals

Chemistry Department	Physics Department	Biology Department
Dr. AbdElaziz Ahmed Nayl	Dr. Nomery Mohamed Abass Hadia	Dr. Hani Mohamed Awad Abdelzaher
Dr. Tamer Hamdi	Dr. Mohamed Amin Uosif	Dr. Hassan Ali Hassan Elgebaly
Dr. Amira atef mahmoud	Dr. Mohamed Ashri	Dr. Ibrahim Bayoumi
Dr. Sabreen Harbi Muhammad	Dr. Abdelazim M Mebed	Dr. Usama Ahmed Mahalel
		Dr. Fatma Hussein Galal

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المعارض الصحفية لمعرض الكتاب الخامس

من ٢٨/١٠/١٤٤١ إلى ٢٧/١١/١٤٤١

التحضير

الأحد ٢٨/١٠/١٤٤١

الاثنين ٢٩/١٠/١٤٤١

الثلاثاء ٣٠/١٠/١٤٤١

الأربعاء ٣١/١٠/١٤٤١

الخميس ١/١١/١٤٤١

الجمعة ٢/١١/١٤٤١

نظم الفعاليات على السرد
لطاقم إدارة المتحف
من ١٥ إلى ٢٨ صبا

وعدا وعلافة حرفة فقلقلنا و بالخالع اوع الهالك نره نتعدوا
بالالخالع اوع

University Service

1 In cooperation with the Deanship of Student Affairs, Dr. salam AlSharari has provided a workshop entitled "Protection of the homeland is the responsibility of its children



and was presented by the Girls branch, Sakaka and Tabarjal, as part of the activities of Jouf University's National Day celebrations

2 In cooperation with the Deanship of Student Affairs, Dr. salam salem AlSharari has provided a lecture entitled "Intellectual Awareness and Vision 2030",



which was presented by the Dumat AlJandal Center for Studies and the Girls 'College branch in Qurayyat

3 Cooperation with the Deanship of Community Service and Continuing Education, Dr. Haifa Abdul Aziz Sakit presented a workshop entitled "Illuminations around home farming",



in which she addressed the importance of home farming and crops suitable for home cultivation.

4

In cooperation with the Deanship of Community Service and Continuing Education, Dr. Ahmed Ghorab presented a training course entitled "Evaluation and evaluation of food additives and their impact on consumer health according to international standards ISO: 17025



where he referred to harmful and beneficial food additives.

5

In cooperation with the Deanship of Community Service and Continuing Education, Dr. Benamar Cheba presented a training course entitled "sterilization and pollution sources"



in which he deal with different sources of pollution and different methods of sterilization

6

In cooperation with the Deanship of Community Service and Continuing Education, Dr. Benamar Cheba provided a training course entitled "Food Safety"



in which he explained the ideal food, its importance and its sources

7

In cooperation with the Deanship of Community Service and Continuing Education, Dr. Benamar Cheba provided a training course entitled "The nutritional benefits and different uses of table olives"



in which he explained the nutritional importance of olives and its different uses

8

In cooperation with the Deanship of Community Service and Continuing Education, Dr. Fayez Shalloum, a lecture titled "The Perfect Handling of Always Using the Efficiency of the Immune System"



in which he discussed how to strengthen and protect the human immune system

9

In cooperation with the Deanship of Community Service and Continuing Education, Dr. Fatima Hussein Jalal, a lecture titled "The Quranic Miracle in Mentioning Insects"



in which she spoke about the Quranic miracle of mentioning insects and shedding light on insects and their importance.

10

In cooperation with the Skills Development Center, Dr. Hassan Mohamed Ahmed Hassan presented a Training course entitled "The Mechanism of Scientific Publication in ISI & Scopus Magazines"



in which he presented the steps of scientific publishing.

11

In cooperation with the Skills Development Center, Dr. Abdelazim Mebed presented a workshop entitled "Techniques for detecting scientific plagiarism" "Plagiarism"



through which graduate students presented the software mechanisms to detect scientific theft

12

In cooperation with the Center for Skills Development and the Quality and Academic Accreditation Unit, Dr. Fatima Hussein Jalal presented a training course entitled "Teaching creatively"

المحاضر	التاريخ	الفعالية
د. فاطمة حسين جلال	الأحد 28-11-1441 من الساعة 7-9 مساءً	التدريس بطريقة إبداعية
د. عيادة شهاب المصير	الاثنين 29-11-1441 من الساعة 7-9 مساءً	أثر تقييم الطلبة وتأثيرها تأثيرات العملية التعليمية
د. طارق مصطفى عبد التوفيق	الاثنين 29-11-1441 من الساعة 7-9 مساءً	مهارات البحث العلمي الفرادة والتأثيرات التعليمية والتأثيرات

Through which she discussed various methods of effective teaching and its impact on the quality of the educational process.

13

In cooperation with the Student Grants Unit, Dr. Abdelaziz Ahmed Nayl, provided a workshop entitled "Fundamentals of Scientific Research" for internally dispatched students,



in which he discussed a detailed explanation of the concept of scientific research and the basic steps for preparing a correct scientific research.

14

In cooperation with the University Academic and Student Advising Center, Dr. Aida Al-Ahmadi presented a training course entitled "Time management skills",



in which she gave advice to students on how to manage and organize time and make full use of time.

15

In cooperation with the University Academic and Student Advising Center, Dr. Aida Al-Ahmadi gave a remote lecture entitled "Mental Health and Managing Stress Tests"



during which she dealt with the skills of dealing with stress of tests, which positively affects their psychological health.

16

In cooperation with the University Academic and Student Advising Center, Dr. Aida Alahmadi lecture entitled "Mental health and facing stress among university students"



during which she dealt with the skills of dealing with the stress of tests, which is positive for their mental health.

17

In cooperation with the University Academic and Student Advising Center, Dr. Aida Alahmadi and Dr. Fatma Hussein Galal, have presented workshops entitled "Academic Advising and the E-Gate are Your Way of University Knowledge"



through which students were urged to communicate effectively with academic advisors.

18

In cooperation with the Deanship of Student Affairs, Dr. Fatma Hussein Galal, presented a training course entitled "Graduation Projects How to Invest"



in which she addressed the importance of student graduation projects and how to benefit from them as small development projects

19

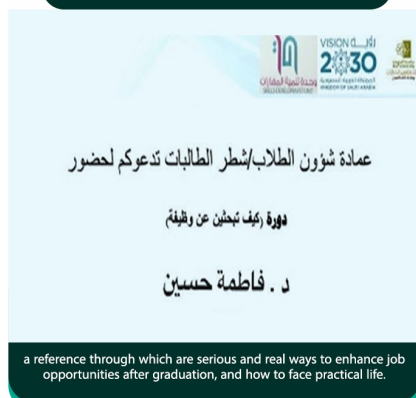
In cooperation with the Deanship of Student Affairs, Dr. Fatma Hussein Galal, presented a training course entitled "Effective Recollection"



in which she demonstrated good recollection methods

20

In cooperation with the Deanship of Student Affairs, Dr. Fatma Hussein Galal, provided a training course entitled "How to search for a job"



a reference through which are serious and real ways to enhance job opportunities after graduation, and how to face practical life.

21

In cooperation with the Deanship of Student Affairs, Dr. Mona Saber Azab, a lecture entitled "Traffic accidents and their impact on the individual and society"

الفعالية	اليوم	اسم المحاضر
اللقاء التوعوي عن نظام العمل التطوعي السعودي	الثلاثين 1441/11/15 م 9:30-8	د. / محمد الصلي عمادة شؤون الطلاب
محاضرة الصحة النفسية	الثلاثين 1441/11/16 م 9:30-8	د. / إنعام محروس كلية العلوم التطبيقية
محاضرة الحوادث المرورية وأثرها على الفرد والمجتمع	الأربعاء 1441/11/17 م 9-8	د. / منى صابر كلية العلوم

through which he presented the most important traffic safety rules and instructions.

22

In cooperation with the Deanship of Community Service and Continuing Education, the first physical day has been activated



Within the framework of the Kingdom of Saudi Arabia's 2030 vision and the vision and mission of the College of Science and the Department of Physics at Al-Jouf University, the Department of Physics organized the first male and female students' physics day, which aims to introduce physics and its impact on community service. Represented by some high school students. This day was also a link between the departments and the various scientific disciplines at the university

Organized activities in the students section, in the presence of His Excellency Dr. / Musaed bin Saud Al-Hameims, Dean of the College of Science, and Dr. / Ziyad Awad Al-Ruwaili, Dean of the College of the Common Year, as well as a group of faculty members and students from employees of various scientific disciplines at the university

It was opened today with recitation of verses from the Holy Quran, followed by a speech by His Excellency Dr. Abdullah Marzouq Al-Hajouj, Head of the Physics Department, explaining the vision and mission of the Physics Department in community service.

- ◀▶ His Excellency Dr. Ziyad Awad Al-Ruwaili gave a lecture on medical physics and its various applications in community service.
- ◀▶ Some students of the department delivered a paragraph entitled Physics Celebrities to introduce the most important physicists.
- ◀▶ A paragraph was presented entertaining physics experiments and suspensions, where it was displayed in the lobby of the college and included some simple physical experiments that reflect physical phenomena Important, as some of the comments that show biographies of some famous physicists have been presented.
- ◀▶ Prof. Dr. Mohamed Amin Youssef presented a lecture and a documentary film on the importance of physics and its contribution to the development of the universe and humanity throughout the ages.
- ◀▶ Dr. Muhammad Al-Ashry and Dr. Ahmed Abu Al-Maaref, faculty members of the department, have done a cultural competition that includes some general questions that link physics In daily reality, the winning students were also honored.

Then I conclude today with a tour for students within the laboratories of the various physics department under the supervision of

In the female students section, the activities of the day began with the presence of His Excellency the Vice Dean of the College of Sciences, Abeer Al Hashash, all the members of the faculty of the Physics Department and all the students of the department.

The events started with verses from the Holy Quran, and then an opening speech to welcome the attendees from the department coordinator, Dr. Asmi Arfaoui.

- ◀▶ A former graduate of the department (Mrs. Fida Hamid) contributed a word about her achievements after graduation and actively participated in spreading the spirit of enthusiasm for the students

▷ The First Pillar: games and scientific jokes

▷ The Second Pillar: Biographies of famous physicists

▷ The Third Pillar: various scientific panels

▷ The Fourth Pillar: Simulation videos of some physical phenomena

▷ The Fifth Pillar: The Kingdom's Vision 2030

- ◀▶ The students of the Master's program made interesting presentations on the Kingdom's 2030 vision, which included everything related to physics, especially renewable energy
- ◀▶ A cultural competition was organized that included comprehensive questions about what was shown during the day and the distribution of symbolic prizes, all designed by the students of the department

23

In cooperation with the Deanship of Community Service and Continuing Education, the Arab Week of Chemistry was activated



The Student Activity Committee of the Chemistry Department, Male and Female Sections, activated the Arab Week of Chemistry, on Thursday 25/2/1441.

- ◀▶ The ceremony, Dr. Wael Arafa, appeared with a speech about Chemistry Week, and Dr. Hassan Mohamed gave a lecture entitled "The efforts of Arab chemists in the development of modern science" then Eating d. Abdel Aziz Nile talk about the most important wealth that God has inflicted on the Kingdom of Saudi Arabia, through a lecture entitled "The Kingdom of Saudi Arabia and Mineral wealth." And Dr. Mohamed Berber continued the discussion of the types of energies, including wind and solar energy, which are characterized by the Kingdom of Saudi Arabia. Saudi Arabia by presenting a lecture entitled "Chemistry and Renewable Energy", and finally, Dr. Ahmad Al-Ghurab Lecture titled "Methods for Detecting Olive Oil Fraud"
- ◀▶ The student, Abdullah Al-Rashidi, presented a visualization of the promising chemist by giving a lecture titled "Why are we studying chemistry"
- ◀▶ Student Abdul Rahman Al-Maliki spoke about "my experience in the chemistry department"
- ◀▶ The activities concluded with a display of some interesting and practical practical experiences prepared by the students of the department under the supervision of the professors of the Department of Chemistry

On the other hand, he did the female students' part of the Arab Chemistry Week by submitting

- ◀▶ A lecture entitled "The Fireworks Chemistry" given by Dr. Rehab El-Sharkawy.
- ◀▶ Dr. Halloumah Bilal reviewed "Cosmetic Chemistry", in which she presented the oldest cosmetics and old cosmetic recipes and how cosmetics developed
- ◀▶ Dr. Mai Al-Rashidi presented the experience of "colored rain" with the participation of third-level students and also made a simple circuit using graphite in pencil
- ◀▶ Dr. Nadia Al-Kenzi presented an experiment explaining how to prepare a compound with therapeutic properties such as 3 methyl 5 pyrazolone with the participation of students of the fifth level.
- ◀▶ Under the supervision of Dr. Rehab El-Sharkawy, the student / Nayefa Essam participated in conducting the "Traffic Sign" experiment, and the student / Fawz Al-Enzi, tried the Elephant Hose.
- ◀▶ Dr. Mervat Al-Sharif presented an experiment on how to prepare a "hand sanitizer", in which the fourth level students participated
- ◀▶ The student / Mouradi Al-Junaidi gave a presentation entitled "Nobel Prizes in Chemistry".
- ◀▶ A group of female students presented the sixth level under the supervision of Dr. Basma Balbul, a presentation entitled "Chemical Industries in the Kingdom of Saudi Arabia"

Educational Commitment

Educational commitment

For our sons' and daughters' future

Supportive educational environment and facilities



Teaching rooms
student and research
laboratories



Teaching Rooms

The College of Sciences includes both sections, classrooms, research and student laboratories equipped with the latest equipment and modern technology

Male Students section

The number of classrooms equipped with smart board and projection screens are 24 classrooms.

Female Students section

The female section has total of 17 classrooms and 5 studio halls (networks).



The student laboratories

Student laboratories received the greatest attention from the Deanship of the College, as security and safety assurance requirements were completed in the college laboratories (in both sections), by providing laboratories with safety tools as well as providing the departments with number of modern laboratory devices

Male Students section

The number of student laboratories, 25 specialized laboratories, in addition to a computer lab

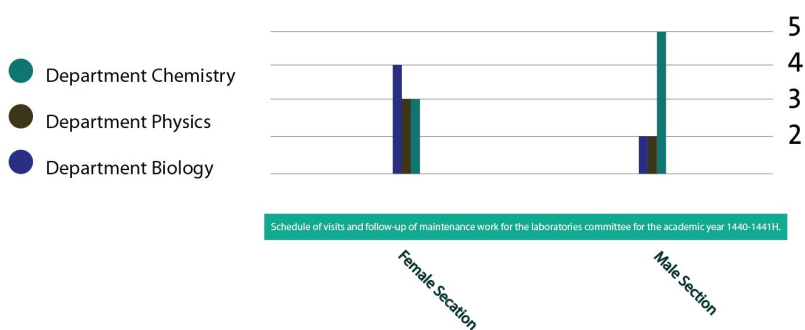
Female Students section

has 12 laboratories



The Laboratories committee and Security and Safety was concerned with following up and implementing the required maintenance work in the laboratories

► Schedule of visits and follow-up of maintenance work for the laboratories committee for the academic year 1440-1441H.



► Research laboratories

The College of Science is distinguished by the presence of 5 specialized research laboratories concerned with basic research and development research, for graduate studies, research projects and programs, independent of educational laboratories.



Service Facilities

► Gymnasium



► Vending machines for juices and coffee



► Mosque



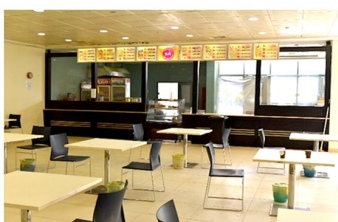
► Electronics devices for serving students



► Recall halls



► Mess hall



► College Theater



Academic Advising

Academic Advisors at the College of Science were provided all means of awareness, interest and motivation for students, the most prominent of which were

► Student advising sessions










Advising corner to receive new students in the College of Science lobby at the beginning of each semester of the academic year in order to receive college students and guide them to overcome the difficulties that may face them at the beginning of the semester. The corner extended throughout the first week of the semester.



Meetings of the Dean of College and the Vice dean of the College with the students at different times during the academic year to discuss and answer their inquiries and try to find appropriate solutions to their problems.

Guidance meetings with academics and academic advisors to assist male and female students in setting study schedules, introducing study plans and decisions, and introducing students to how to add and delete courses

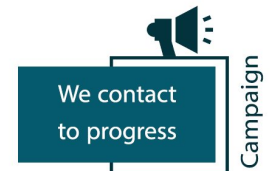
Advising **Lectures**

Lecture	 Professional Counseling Lecture	Dr. Maawiya Ould Sidi	Dr. Ahmed Mohamed Gad ElMolly	 Self-development Lecture	Lecture
Lecture	 A lecture on how to pass the personal interview of	Dr. Mohamed Ashri	Dr. Nermeen Mosa	 Distraction and Social Media Lecture	Lecture
Lecture	 A Lecture on focus and its relationship to proper nutrition	Dr. Fatin Moawed Zahou	Dr. Fatma Hussein Galal	 Mid-term exams a starting for superiority	Lecture
Lecture	 Achieve your ambition with your university studies	Dr. Fatma Hussein Galal	Dr. Fatma Hussein Galal	 A lecture on the role of academic guidance in the educational process	Lecture
Lecture	 دور الارشاد الاكاديمي في العملية التعليمية				

Advising **Programs**

Program	 Academic Advising is a renewed tender	 Achieve your ambition program	 Program to explain the work of the academic advisor	Program
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Advising Campaigns



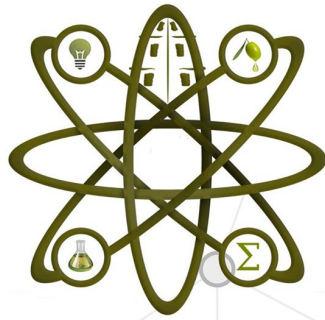


Our aspirations Towards Achieving Our National Vision

- ▶ Preparing the college for the American program accreditation ABET
- ▶ Graduating the first batches of master students in all graduate programs in the college departments
- ▶ Raising the efficiency of the college's administrative and technical skills.
- ▶ Participate in solving societal problems.
- ▶ Developing graduate studies programs and linking them to the labor market
- ▶ Completing the implementation of the operational plan for the academic programs in the college

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





كلية العلوم College of Science

رؤية
VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA


جامعة الجوف
Jouf University