Ajman University
Sustainable Development Goals Progress Report

November 2022

About AU

Established in 1988 as the first private university in the GCC, Ajman University of Science and Technology (AUST) was also the first university in the UAE to admit expatriate students. In 2016, the name of the university was changed to Ajman University (AU) to better reflect the comprehensive nature of programs offered by the university. AU, Licensed by the Ministry of Education in the United Arab Emirates, continues to be a pioneer for inclusion, innovation, and social impact. It offers 22 accredited undergraduate programs and 14 accredited graduate programs through its nine colleges. In 2020, Ajman University became one of the first six higher education institutions in the world to receive global accreditation from the Quality Assurance Agency (QAA), UK's independent body and a global leader in quality assurance for higher education.

Vision

Ajman University aims to be internationally recognized as one of the leading universities in the Arab world for its cutting-edge learning environment, impactful research, responsible outreach and community engagement.

Mission

Ajman University (AU) is a multicultural, dual gender, academic institution that offers a broad range of high quality and relevant undergraduate and graduate academic programs. The University strives to fulfil the needs of students, alumni, employers, and society through quality education, scholarship and community engagement. AU develops well-rounded graduates who are professionally competent, socially responsible, innovative and active contributors to sustainable development of the UAE and beyond.

Core Values

Excellence: All AU activities are conducted according to the highest international standards.

Integrity: AU adheres to the principles of honesty, trustworthiness, reliability, transparency and accountability.

Inclusiveness: AU embraces shared governance, inspires tolerance, and promotes diversity.

Social Responsibility: AU promotes community engagement, environmental sustainability, and global citizenship. It also promotes awareness of, and support for, the needs and challenges of the local and global communities.

Innovation: AU supports creative activities that approach challenges and issues from multiple perspectives in order to find solutions and advance knowledge.

Message from the Chancellor

Ajman University believes that the United Nations' 17 Sustainable Development Goals (SDGs) are calling higher education – from individuals to institutions – to act now on the most pressing challenges facing humanity and the natural world. Considering our collective role creating and sharing knowledge, universities must stand united as leaders in addressing the issues set out in Transforming our world: the 2030 Agenda for Sustainable Development.

As one of the Arab World's leading and most diverse institutions, Ajman University's campus is a microcosm of the world at large. We are comprised of students and stakeholders representing 80+ different nations – each bringing ideas from their cultures and countries about making and keeping sustainability part of our collective responsibility. Together, we are demonstrating our commitment to the SDGs through AU's learning environment, public engagement, and campus operations.

We hold ourselves accountable by participating in transparent reporting processes such as this one for the Times Higher Education University Impact Rankings. The process of creating this report, and evaluating our own efforts thus far, has deepened AU's commitment and resolve to play a dynamic role in tackling the world's SDGs by 2030.

Dr. Karim Seghir

Chancellor

Introduction

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests. For more information, please visit: https://sustainabledevelopment.un.org/sdgs

AU is committed to the United Nations Sustainable Development Goals (SDGs) through effective and efficient institutional resources management, quality and innovative teaching and learning, research, national and international partnerships, continuing studies, inclusiveness, outreach, and sutainability. Accordingly, AU endeavors its best in ensuring that sustainability is embedded in its strategic initiatives.

In 2016, the United Nations representatives provided a Sustainable Development Lecture to the AU community. In support of the UN SDGs, AU has evaluated the SDGs, formulated and taken into consideration in developing its Strategic Plan 2017-2022. AU aligns its mission with SDGs by providing quality education, lifelong learning, scientific research, and community service. Moreover, AU has implemented sustainability-related initiatives in its operations, established six research centers and developed SDGs related policies, conducted community engagement and services that support the SDGs. Most importantly, AU has streamlined all its efforts towards the SDGs and developed a comprehensive strategy, *AU Climate & Sustainability Strategy: Carbon Neutral by 2030,* which was initiated in December 2021 with effective implementation in January 2022.

AU's efforts and support towards the SDGs are also evident in its students and alumni activities. In 2017, two very talented students of AU attended the Youth Assembly organized by United Nations at their headquarters in New York, USA. In 2018, a social media influencer and AU alumna Maha Jaafar '16 was invited to the United Nations headquarters in New York in November to share her innovative efforts to combat hate, racism, and xenophobia as part of YouTube's "Creators for Change" initiative. In 2019, a delegate of AU students debated over a number of world hot issues as part of their participation in the Model United Nations (MUN) Conference, a three-day educational simulation, hosted by the American University in Dubai. In 2020, AU Delegation Wins Highest Awards at American University of Sharjah Model United Nations 2020 (AUSMUN) Conference, which lasted for three days in February, 13–15, 2020 and attracted over 1400 delegates. In the same year, AU Alumna Maha Jaafar'16 was appointed UNICEF National Ambassador to Sudan. In 2021, AU has stressed the importance and made arrangements for visiting the Expo 2020 - the exceptional event hosted by UAE with the participation of more than 192 countries. This is in order to gain benefits and skills, such as from free workshops, free tours to all the pavilions of various countries to enrich their knowledge and skills, and enhancing their knowledge about the latest technological advancements in various fields, which also support the UN SDGs.

The SDGs were designed to achieve a globally sustainable future. These SDGs address the challenges that are faced day-by-day by individuals around the world, which are related to poverty, inequality, climate change, environmental deterioration, peace, and justice. Notably, the 17 SDGs are all linked among each other and are expected to be attained within 2030. AU strives its best for continuous improvements, mainly ensuring quality education that produces graduates equipped with knowledge,

skills and competencies that match the market needs and ready for the job of the future, and enhancing the quality, relevance, and impact of research and intellectual contribution. Thus, support the sustainability of the United Arab Emirates and globally, and comtribute to the achievement of the United Nations Sustainable Development Goals (SDGs).

Report Design

This report provides an overview of the data from AU's Scopus research publications and mapping of AU curriculum to the SDGs using the SDG top 100 keywords, and AU's institutional data related to the SDGs. These datasets are combined with other relevant information and data related to the SDG on startup companies developed in Ajman University Innovation Center, research outputs from the research centers, University operations, partnerships and outreach and relevant items from the University's news archive to create a profile for each SDG. In addition there is an aggregated overview of the data sources to give a sense of AU's overall involvement with the SDGs.

CONTENTS

Sustainable Development Goal 1:
No Poverty

End poverty in all its forms, everywhere.

AU, in line with its commitment and support to SDG 1, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTER:

AU has a total of six research centers and among these is the Humanities and Social Sciences Research Center (HSSRC), which aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally.
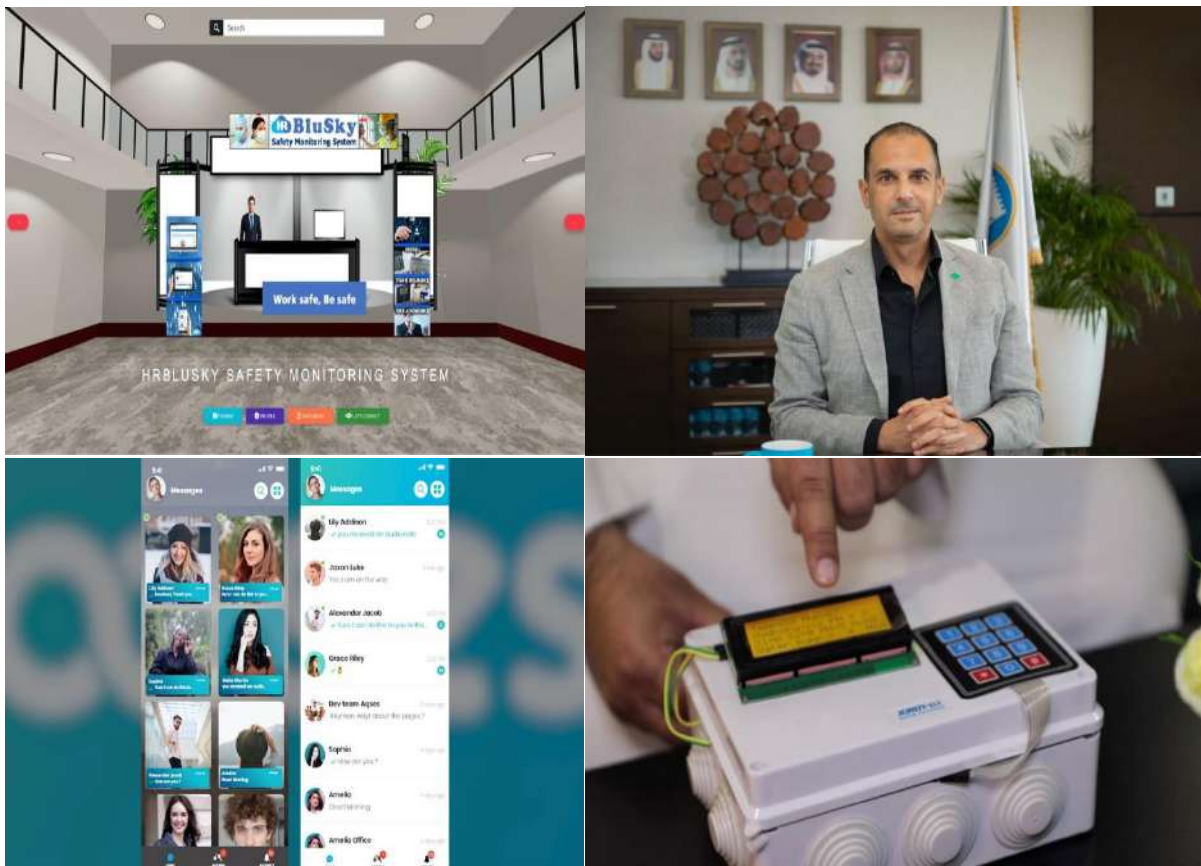
RESEARCH PUBLICATIONS:

AU's Scopus publications and citations using the top 100 keywords search for SDG 1 is shown below:
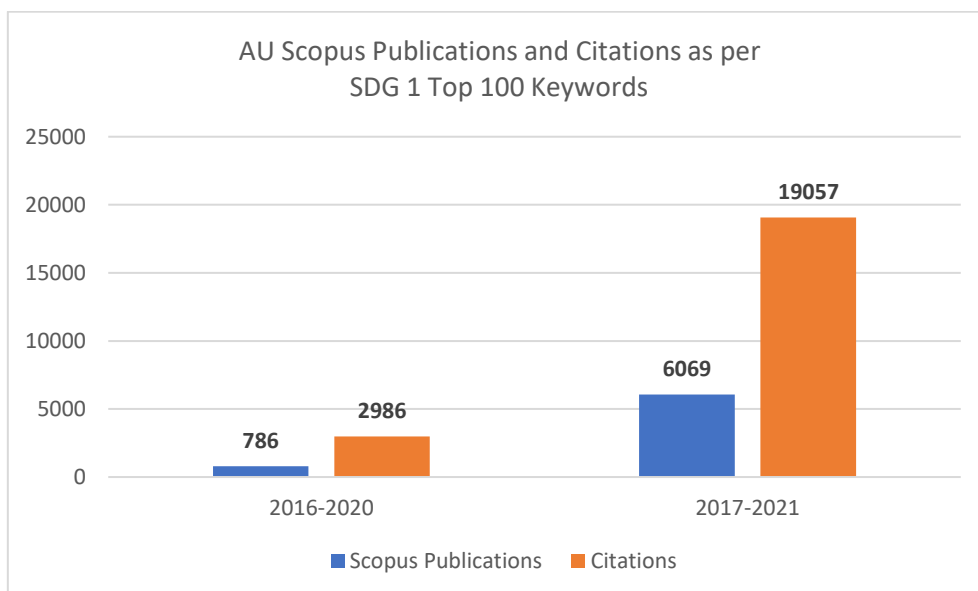
AU Scopus Publications and Citations as per SDG 1 Top 100 Keywords

INNOVATION:

The Ajman University Innovation Center (AUIC) has helped build startups, and obtained support from its partners to its innovation projects. AUIC, since its inception in 2016, has completed the following:

1. 5 incubation cycles
2. 96 startups launched
3. In 2021, the Demo Day showcased innovative and creative projects designed by AU students as well as projects incubated at the Center. It brought together innovators, entrepreneurs and inventors from public and private sectors to discuss the latest trends in research, innovation, technology, creativity, and entrepreneurship. The virtual event was characterized by a 3D hall that enabled the participants to explore 18 startup booths as well as 6 public and private sectors booths which featured online chat, videos, banners and other insightful communications.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate,
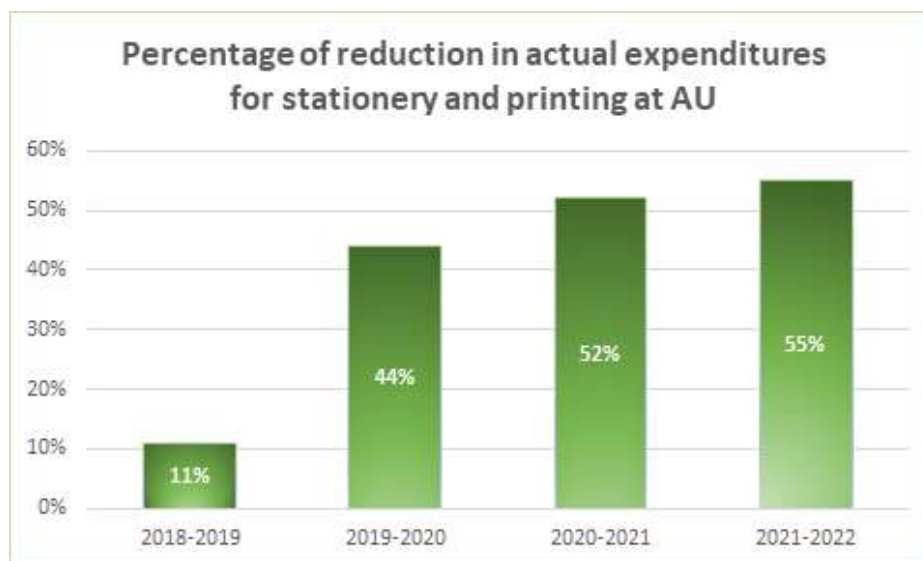
engineering and data science, architecture and design, healthcare, legal- private and public law

- **30** courses directly covering SDG 1 No Poverty as per the top 100 keywords for SDG 1
- **Workshops and Events**
  1. A range of workshops were offered by AU offices to help students build skills to respond to the demands of life at university and beyond:
     - https://www.ajman.ac.ae/en/student-life/counseling-unit/workshops-workshops offered by the office under the Deanship of Student Affairs
     - https://www.ajman.ac.ae/en/student-life/career-services - Workshops offered by the Office of Career Services
  2. DBA Students Addressed by Senior Government Advisor – Dr. Sahel Al Rousan, Senior Economic Advisor at Ministry of Finance, UAE shared his insights at a webinar on 'competitiveness, recovery and future jobs'.
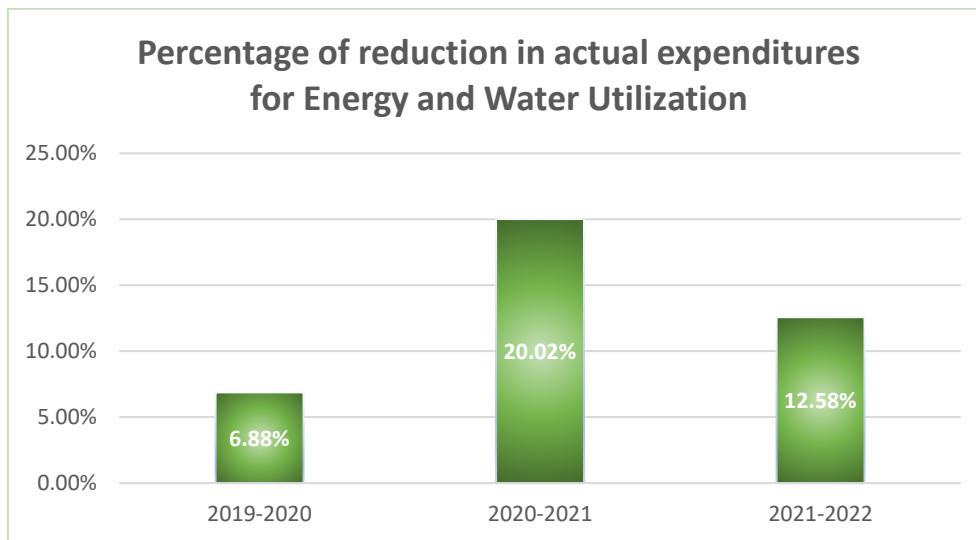
OPERATIONS:

- AU has implemented sustainability-related initiatives which include energy conservation, water conservation, reduce; reuse; recycle, and digitalization. These efforts have translated into a significant reduction of the relevant actual expenditures.

Digitalization

Percentage of reduction in actual expenditures for stationery and printing at AU

2018-2019	11%
2019-2020	44%
2020-2021	52%
2021-2022	55%

Energy and Water Utilization Efficiency

Percentage of reduction in actual expenditures for Energy and Water Utilization

- AU in support of its students has actively sought the internal and external community for scholarship and financial aid as shown in the AU Giving website.
- **Scholarship and Financial Aid**
  1. AU endeavour its best to support its students by raising funds and providing deserving students the opportunity to avail scholarship or financial aid at AU. The total percentage of students who benefited from AU's scholarship and financial aid is detailed below:

     59% of AU students received scholarships/discounts in fall 2021
  2. AU has strengthened its efforts to attract brilliant students from all nationalities, with scholarships and discounts. In accordance with its scholarship policy, AU offers 100% scholarship to high school toppers not just in the UAE & Ajman, but also a host of other countries in Asia, Middle East & North Africa including Saudi Arabia, Oman, India, Pakistan and Philippines.

OUTREACH & PARTNERSHIP:

AU has conducted several community outreach activities and made partnerships with NGOs to help support eradicating poverty through the offering of scholarships and financial aid to its students.

- Community Engagement Activities 2020-2021 – AU's Office of Community Engagement has conducted several community service activities in partnership with the external communities that include:
  - Innovation Day Camp by FEDEX - This program allows students to explore the crucial workplace skills which employers are looking for and often find lacking in young employees. Students have learned about valuable tools to find the perfect job such as, writing good resumes, cover letters, digital profiling and interviewing techniques.
  - NXplorers by Shell- The program utilize a combination of systems thinking, scenario planning and a theory of change methodology to show young people how to deal with complexity.
  - Career Success Workshop - offered in cooperation of Enjaz UAE and McKinsey, which aims to educate the attendees on how to harness their skills to find the best career opportunity. Its discussion include how to create resume, find jobs, teaching ways and

techniques on how the job seekers can introduce their selves effectively to the employers.

- [Al Maktoum Foundation ties-up with Ajman University to Help Underprivileged Students](#)
  Ajman University (AU) has signed a Memorandum of Understanding (MoU) with Al Maktoum Foundation to further enhance its support to underprivileged students who are unable to continue their education due to financial barriers. Under the MoU, Al Maktoum Foundation will provide financial assistance to augment the Thamer Fund at Ajman University.

- [Ajman University joins Ajman's Citizens Affairs Office to support Emirati students with special scholarships and discounts – Year 2021](#)
  AU and Ajman's Citizens Affairs Office have signed a Memorandum of Understanding (MOU) to support Emirati students with scholarships and a variety of program discounts. The MOU is designed to promote the exchange of experiences and discoveries in scientific research, and to share the practical and professional capabilities and procedures of the two organizations.

- [Ajman University and Al Ajmani Charity Foundation to Launch Two New Endowed Scholarships for Underprivileged Students- Year 2021](#)
  On April 7, 2021, Ajman University and Al Ajmani Charity Foundation have joined hands to endow two new scholarships aimed at supporting the education of underprivileged students at AU.

- [Ajman University Signs MOU with DGCX to Develop Future Talent – Year 2021](#)
  AU has partnered with The Dubai Gold and Commodities Exchange (DGCX) to embark on a strategic collaboration that will enable the exchange of expertise as well as foster the development of professionals across the financial sector.

- [Dar Al Ber Contributes AED 2 Million to Help AU Students Facing Financial Difficulties - Year 2020](#)
  The Low-income Families Committee of Dar Al Ber Society has contributed Dh 2,061,479 to Ajman University (AU) Thamer Fund in support of students with financial difficulties.

- [Humaid Bin Rashid Al Nuaimi Foundation – Year 2020](#)
  The Humaid Bin Rashid Al Nuaimi Foundation in Ajman provided AED 600,000 to students with financial difficulties in Ajman University.

- [Ajman University and Al Dobowi Group Launch New Named Scholarship to Aid Deprived Students – Year 2020](#)
  AU and Mr. Surender Singh Kandhari, Chairman of Al Dobowi Group, along with his wife Ms. Bubbles Kandhari, Vice Chairperson, as part of their social responsibility and inclusiveness, have launched a new scholarship, "The Bubbles & Surender Singh Kandhari Scholarship Fund," targets bright needy students.

- [Ajman University Innovation Projects Supported with AED 50,000 – Year 2020](#)
  Eng. Fathy Afana, CEO of Fast Building Contracting Company, Ambassador of the Arab Family, and Board Member of Ajman University Innovation Center, has contributed AED 50,000 in support of the innovators and entrepreneurs' startups affected by the Covid-19 global pandemic.

Sustainable Development Goal 2:
Zero Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

AU, in line with its commitment and support to SDG 2, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:
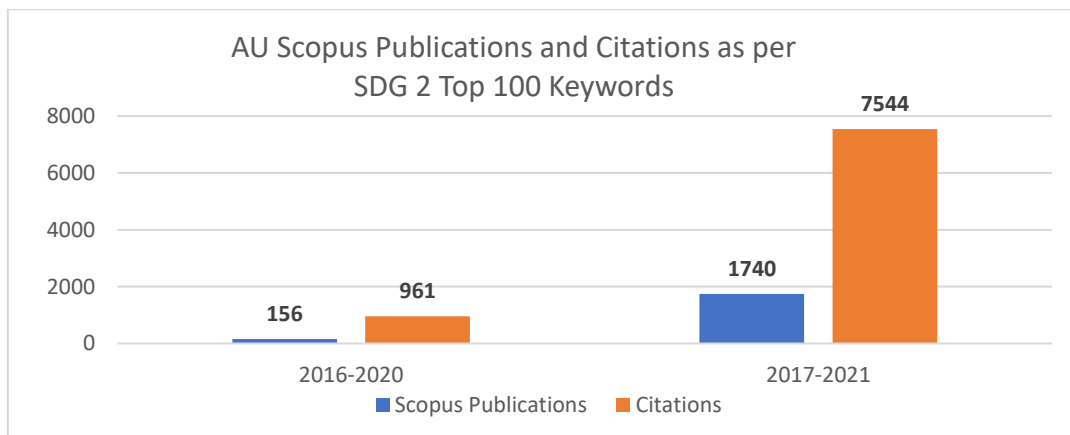
RESEARCH & INNOVATION:

RESEARCH CENTER:

AU has a total of six research centers and among these is the Humanities and Social Sciences Research Center (HSSRC), which aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally.

RESEARCH PUBLICATIONS:

- AU's Scopus publications and citations using the top 100 keywords search for SDG 2 is shown below:

AU Scopus Publications and Citations as per SDG 2 Top 100 Keywords

- **Research Spotlight**
  Dr. Gyanendra Sisodia, Associate Professor, College of Business Administration talks about research for sustainable agriculture, "Driving Sustainability in Energy Generation & Agriculture in the UAE"

INNOVATION:

AU Innovation Center

1. **Plant Field Startup -** Uses a technology that extracts salt from soil that greatly harm plants. The principle is the way clean water works after analyzing salt and extracting moisture from it by steaming it using thermal heaters. In this way pure water is generated and harmful salt is extracted from the soil of the delegated agricultural land. Thus, help improve agricultural production.

2. **Finding Groundwater Startup –** Uses technology for searching groundwater, methods of finding it, and determining the depth on the surface of the earth. Also, it identify the estuaries of water from all directions.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.

- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law

- **8** courses directly covering SDG 2 Zero Hunger as per the top 100 keywords for SDG 2.

OUTREACH & PARTNERSHIP:

1. Year 2021 – 100 Million Meals
   The Office of Community Engagement, committed to Ajman University social responsibility, cordially invited AU Community to contribute to the "**100 Million Meals**" campaign. The noble drive, launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, is aimed to reduce the impact of "Covid-19" pandemic on affected people.

2. Year 2021 - Distribution of Fruit Baskets to University Workers
   On the occasion of the Holy Month of Ramadan and as a gesture of gratitude from Ajman University, 111 fruit baskets were distributed to its workers. This has been a continuing effort of AU in giving back to its community and the society as a whole, as demonstrated previously in 2019, 2018, 2017 and 2016.

3. [AU to host the annual Ajman International Environment Conference by Ajman Municipality](#)
   Under the patronage of His Highness Sheikh Humaid Bin Rashid Al Nuaimi, Member of the Supreme Council and Ruler of Ajman Municipality and Planning Department-Ajman is pleased to organize Ajman 6th International Environment Conference on
   "TOWARDS 2071 SHAPING THE FUTURE For Environmental Sustainability"

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   "TOWARDS 2071 SHAPING THE FUTURE For Environmental Sustainability"

Sustainable Development Goal 3:
Good Health and Well-being

Ensure healthy lives and promote well-being for all, at all ages.

AU, in line with its commitment and support to SDG 3, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

AU has a total of six research centers and among these are the following research centers that directly support SDG 3:

Centre of Medical and Bio-allied Health Sciences Research (CMBHSR) - The University's central point for connecting AU researchers to opportunities for funding and a variety of research-related services. Research in Medical and Bio-allied Health Sciences is contributing to the development of life-changing technologies with significant impact on individuals and communities.

Healthy and Sustainable Buildings Research Center (HSBRC) - Aims to do impactful research at the intersection of building, environment and health to promote healthy living across communities and societies.

Humanities and Social Sciences Research Center (HSSRC) - Aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally.

RESEARCH:

1. AU's Scopus publications and citations using the SDG top 100 keywords search for SDG 3 is shown below:

AU Scopus Publications and Citations as per SDG 3 Top 100 Keywords
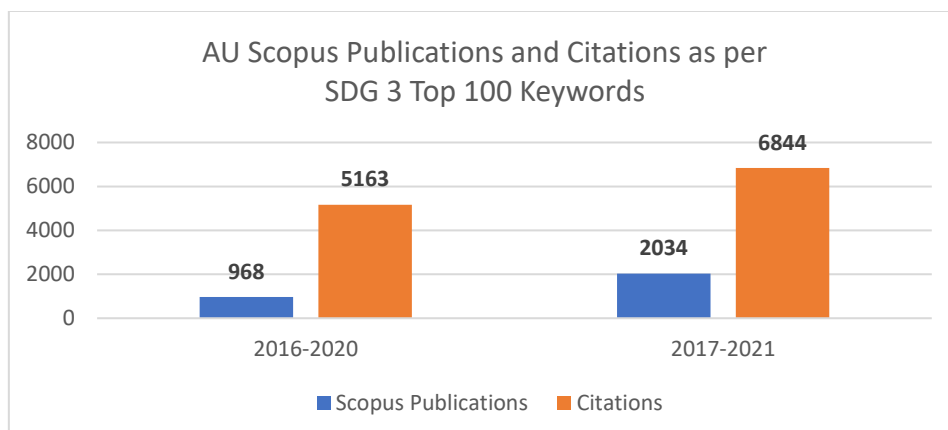
2. [Ajman University Lecturer Receives International Scholar Award from American Heart Association](#) - AU is proud to announce that Mrs. Alaa Al Amiry, Lecturer at Ajman University's College of Pharmacy and Health Sciences, has been recently selected as a "2021 Dudley White International Scholar" for her abstract by the American Heart Association (AHA).

4. [AU Alumna's Research Paper wins Best Paper Award at a Global Conference on Innovative Computing](#) - This accomplishment is a result of adapting a new algorithm that mimics coronavirus prevention strategies to perform an optimization problem. The paper was also chosen to be published in Springer- Advances in Intelligent Systems and Computing (AISC) series, and selected to be extended to a special issue in the Expert System Journal (Q1).

5. [AU's Dr. Gulrez Nadeem wins Surgical Anatomy Award from India-based Venus Foundation](#) - Dr. Gulrez Nadeem, Assistant Professor at Ajman University's College of Dentistry has been recognized for his excellence in the field of surgical anatomy by India-based Venus International Foundation.

6. [Ajman University the first to receive Microsoft AI for Health Research Grant in the UAE](#) - AU is pleased to announce that four of its faculty members have received the renowned Microsoft AI for Health research grant for their ongoing research relating to Covid-19. AU is the first university in the UAE to receive this highly coveted research grant.

INNOVATION:

1- [Ajman University Students Win Prestigious James Dyson Award for Design Engineering](#)

In recognition for their brilliant innovation to solve a pressing social issue, a team of Ajman University Engineering College students have been awarded the James Dyson National Award for Design Engineering. The winning students - Marwa Alshouli, Somaya Samra, Bashayer Alasfour and Shamma Hareb - were awarded for their solution entitled Shield, which uses technology in creative ways to identify and prevent child sexual abuse.

2- Compassionate Innovation: Ajman University Student Builds 'Spoken Gloves' to Aid Hearing and Speech Impaired

The glove has a smart microchip, programmed mechanically to sense movement in the glove and convert it into a loud sound using the electronic speaker attached to the glove. The movement is detected by iron sheets; as soon as they touch each other, they carry signals through wires connected to the smart microchip, enhancing the sound and making it audible to other people. The Spoken Gloves project was designed by Islam Al Samarai, a second-year student of the Bachelor of Dental Science program at Ajman University's College of Dentistry,

3- Ajman University Alumni win yet another QS Reimagine Education Award

Ajman University is proud to announce that our alumni and faculty, Wessam Shehieb' 14 and Ali Mohammed Ridha' 19 have won the prestigious QS Reimagine Education Awards once again, this time for the Middle East region. Their innovative solution EchoV, which uses technology to better fulfil the learning needs of the hearing impaired, was announced as the Silver Award winner for Middle East at the QS Maple 2021 Virtual Conference held from March 23-25, 2021.

4- [AU Student is a Proud Winner at Undergraduate Virtual Research Competition in Abu Dhabi](#)
Mohamad Al Ansari, an Electrical Engineering student at Ajman University made us proud by being a winner at the 8th Undergraduate Virtual Research Competition (URC). He was ably supervised by our outstanding faculty, Dr. Ayman Tawfik and Engineer Wessam Shehieb.

5- **CBCT & Virtual Articulator Startup** - Uses cone-beam computed tomography (CBCT) to align the dental casts or virtual dental arches to articulators instead of spending so much time in dental labs just trying to align the casts together manually.
6- **Innovative Toothbrush Startup –** Creates a more convenient and efficient toothbrush for the kids to prevent dental caries.
7- **SAFE and SAVE Startup -** Creates a new concept of dental chair that would not endanger the lives of patients.
8- **Sleep Paralysis Startup -** A system that can wake the person who go through sleep paralysis episode.
9- **Smart Toilet for Sampling Urine Startup -** Analyse the urine component via the chemical test used in urinalysis using a spectroscopy sensor, and sending feedback to the user of the toilet.
10- **Personal medical information NFC bracelet (PMINB) Startup -** The project is using an NFC bracelet to store a patient's information making it easier to access and readily available.
11- **Textneck Startup -** The "text neck" disease is a modern-day disease, where the patient suffers from neck and back pain due to sitting for a long time with the head bent forward while using smartphones and tablets, which affects the neck, spine and poverty. Six seven and twenty one another problem. The idea is that the application relies on a sensor whose name is available on all smart phones and its role measures the extent of the phone's inclination on an axis ... and determines the angle and analyzes it to approximate the extent of the user's head tilt to the closest and most accurate image. If the user tilts his head down by high degrees and over a long period of time, the app alerts him through an alarm or a text message reminding the user that of the wrong position and user's head must be adjusted at eye level to avoid danger to the neck.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.

- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law
- **44** courses directly covering SDG 3 Good Health and Well-being as per the top 100 keywords for SDG 3

OPERATIONS:

AU has an Office of Medical Services dedicated to providing educational, supportive, consultative healthcare services to students, staff, faculty and eligible dependents. In doing so, the Health Clinics strive to make the campus a healthy and safe place to study, work and live. In addition, AU has a Counseling Unit.

OUTREACH & PARTNERSHIP:

1. Ajman University Marks a New Milestone by Launching COVID-19 Screening and Vaccination Center with Tamouh Healthcare
   AU, in collaboration with Ajman Medical Zone and Tamouh Healthcare Company, has launched a COVID-19 screening and vaccination center on campus at the Sheikh Zayed Center for Exhibitions and Conferences. This aligns with AU's strategy to harness all its scientific, research and logistical expertise in the service of the community and to support the UAE's determined efforts against COVID-19. The center which operates from Saturday to Thursday from 9:00 AM to 9:00 PM, is offering free of charge DPI and PCR tests as well as Covid-19 vaccine. It includes two sections, one for men and the other for women, and all the tools and materials needed by the medical staff to conduct the COVID-19 tests and administer the vaccine.

2. Webinar Discusses "Coping with a pandemic: from strategy to resilience" - The College of Humanities and Sciences at Ajman University organized a webinar themed "Coping with a pandemic: from strategy to resilience". Dr. Martha Lally, Professor of Psychology, from the College of Lake County discussed important point such as the hidden impact on academics and how it relates to anxiety, Mindfulness Based Anxiety Reduction, and how to practice resilience during uncertain times.
3. Ajman University Celebrates 'World Diabetes Day' - November 14 marks World Diabetes Day. Every year this international event is held all over the world to raise awareness on diabetes which is a chronic illness resulting from the malfunctioning of insulin production in the body.

On this World Diabetes Day, Ajman University offered free blood sugar tests and giveaways for its community in a festive environment.

4. **AU Mobile Dental Clinic - July-August 2021**

Mobile Dental Clinic (MDC) aims to provide oral care services to those who have difficulty in accessing conventional dental clinics. The MDC aims to provide oral care services to those who have difficulty accessing conventional dental clinics, and also for those who don't have financial ability to cover the cost undependably. This Year 2020-2021, MDC targeted more workers and orphans of the emirates of Ajman & Sharjah. The total visits of MDC within three months were 8 locations of Ajman & Sharjah.

5. **Make their Dreams Happen -13th April 2021**

Draw a smile on the children faces who are suffering from chronic or terminal ailments by joining Make their Wishes initiative in collaboration with Make-A-Wish Foundation. Turning a wish into reality empowers children to fight their illness and gives them and their families hope, strength and happiness to continue in their life. The initiative is in consonance with one of AU core values of making social impact happen and showing compassion toward society.

6. **Blood Donation Campaign - 21ˢᵗ February 2021**

   The Office of Community Engagement has invited the AU community to participate in a blood donation campaign. The Benefits of Donating Blood is a humanitarian act that saves the lives of needy patients with excessive bleeding due to traffic accidents, surgeries, and hereditary anemia (Thalassemia). Regular blood donation decreases the possibility of having heart diseases and strokes. It also activates the bone marrow to produce new blood cells and helps the body get rid of excess iron.

7. Collaboration with Ajman Medical Zone – 3ʳᵈ to 6ᵗʰ March 2021
   With cooperation of Ajman Medical Zone to employ the AU medical clinic to do campaigns for screenings of Covid-19 in different places in the Emirate of Ajman for sixteen days, six hours a day.

8. **Breast Cancer Awareness Talk -** 18th October 2020 Webinar
   The month of October is the month of Breast cancer awareness, in which Unit of Community Service collaborated with Dubai Health Authority (DHA) having Dr. Ola Abdulsamea Aldafrawy- Specialist registrar Family medicine From Clinical prevention and health promotion unit through ZOOM online workshop. The virtual workshop was discussing the definition of cancer, as well as its symptoms, signs, risk factors, situation in the UAE and worldwide, it also discussed diagnostics and modes of therapy, and finally,the prevention methods. Our aim is to raise awareness among our students to help those who have been diagnosed as cancer cases or healthy people by early detection, education and support services.

9. **Pink Caravan Awareness Webinars - October 2020**

The " Breast Cancer Awareness webinar" which is one of the most important and interested topics that attract everyone concern, whereas, the breast cancer has become one of the most common diseases that hits women in our modern age.

The webinars was discussing a lot of vital topics related to breast cancer such as:

1. The definition of cancer.
2. The symptoms
3. The risk factors
4. Spot light on the situation in UAE.

10. **One-on-One With Breast Cancer Warrior - 24th October2020 Webinar**

One – on – one breast cancer warrior webinar was very interactive workshop which has resulted in an interesting impact on the community where, the webinar had four breast cancer warriors from four different countries, who were telling their stories of how they were and still struggling to defeat cancer, the webinar was so emotional and so informative at the same time, the attendees were so interactive and happy to see a real-life situation of strength and persistence.

Sustainable Development Goal 4:
Quality Education

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

AU, in line with its commitment and support to SDG 4, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

Research Centers:

Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. The following six state-of-the-art research centers covers key areas of national and international strategic importance:

1. Centre of Medical and Bio-allied Health Sciences Research (CMBHSR)
2. Artificial Intelligence Research Center (AIRC)
3. Healthy and Sustainable Buildings Research Center (HSBRC)
4. Digital Transformation Research Center (DTRC)
5. Nonlinear Dynamics Research Center (NDRC)
6. Humanities and Social Sciences Research Center (HSSRC)

RESEARCH:

1. AU's Scopus publications and citations using the SDG top 100 keywords search for SDG 4 is shown below:
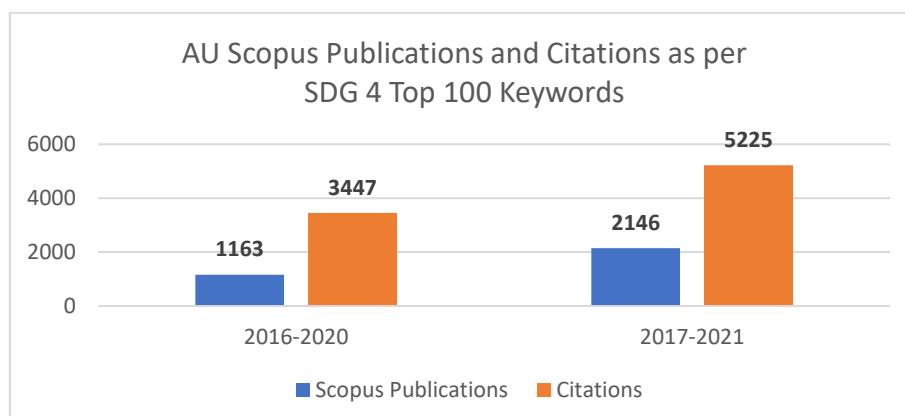
2. Ajman University's Research Output, Quality of Research Show Phenomenal Growth
Research output at Ajman University (AU), both in terms of the quality and quantity of research papers has shown phenomenal growth over the last four years from 2017 to 2021. This is evidenced from the impressive increase in Scopus indexed research papers produced by AU faculty and the increase in the number of citations received by AU papers. AU has also successfully diversified its research across academic streams and increased research collaborations and ties with leading high-ranked universities, regionally and globally.
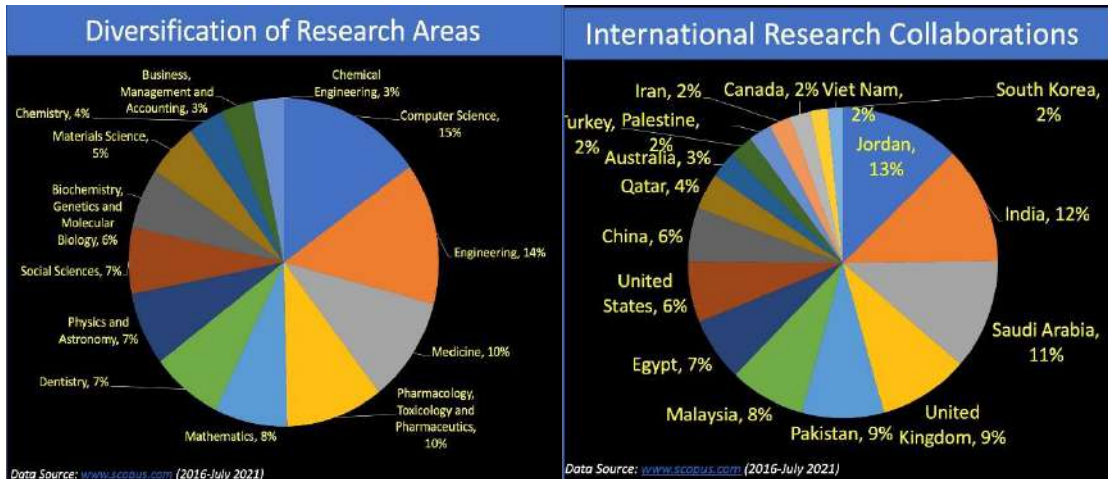
3. Dr. Najeh Al Salhi Presents his Research Findings at Leading Education Conference in Malaysia
Dr. Najeh Al Salhi, Research Associate at Ajman University's College of Humanities & Sciences recently participated in the Learning Improvement and Teaching Enhancement Conference (LITEC) held virtually by the Universiti Malaya, Kuala Lumpur.
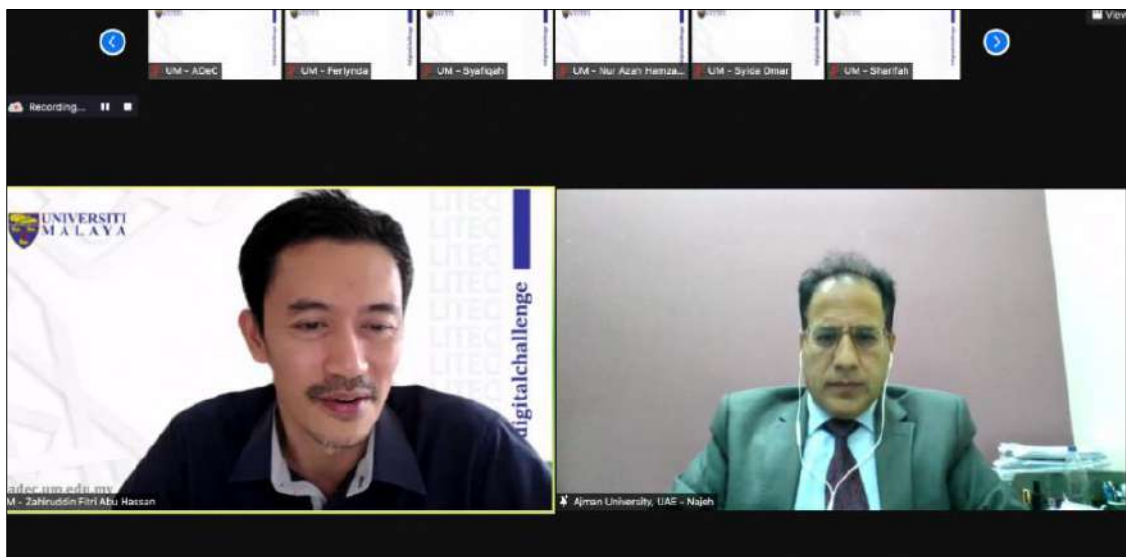
- Ajman University organizes 20th excellence, gifted education, innovation, and creativity in basic-higher education conference
Ajman University, in partnership with the International Centre for Innovative Education in Germany, organized and hosted the 20th Excellence, Gifted Education, Innovation, and Creativity in Higher Education conference. H.H. Sheikh Humaid Bin Rashid Al Nuaimi, Ruler of

Ajman and Chairman of Ajman University Board of Trustees, along with AU Chancellor Dr. Karim Seghir, welcomed the virtual participants to the 3-day event.

- **AU Faculty's Research Article Receives Accolades from Leading Global Management Journal**
  Dr. Katariina Juusola, Assistant Professor at Ajman University's College of Business Administration has received a recognition from the editors of the Academy of Management Learning and Education (A*-ranked journal) for her joint research articles. In their editorial published in March 2021, the AMLE editors picked some of the most influential "hit articles" published in the journal during the past years. Dr. Katariina had two of her papers featured in this editorial.

- **Students Demonstrate their Research Expertise at Ajman University Student's Research Day**

  The 4th Annual Ajman University (AU) Students Research Day was successfully organized on June 6, 2021 and it amply demonstrated why AU students are some of the most talented group of youngsters in the country. A total of 116 winners were announced for 22 pathbreaking research projects across various streams including Business, Law, Humanities, Engineering & IT, Architecture, Pharmacy & Health Sciences, and Dentistry.
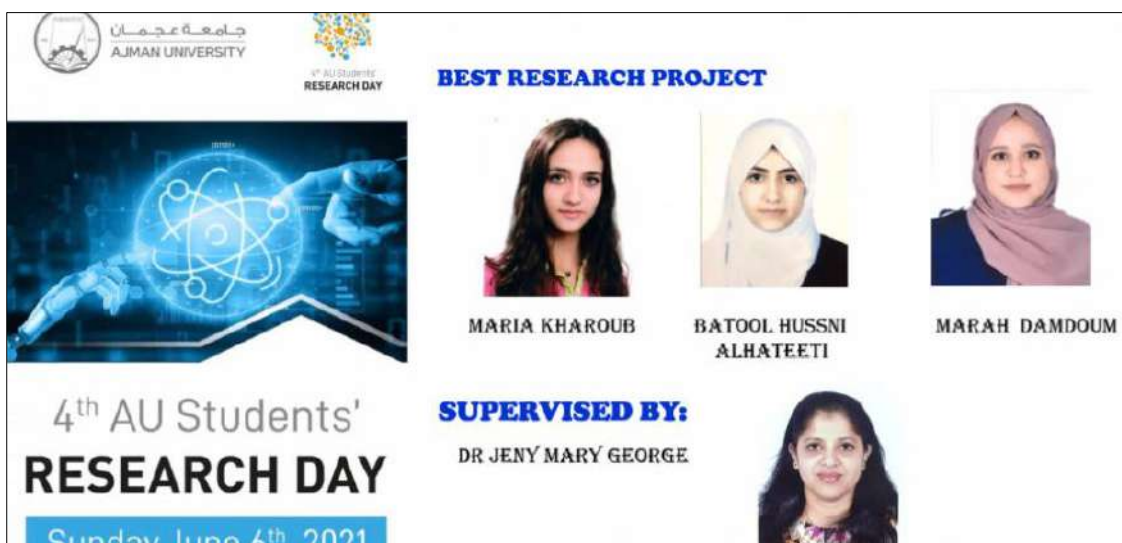
- DBA Student Publishes Article in Scopus Journal - Ali Eldin Loutfi Abdalla Ibrahim, a 2nd year Doctor of Business Administration (DBA) student in the College of Business Administration (CBA) has become the first DBA student to publish his research in a peer-reviewed journal. His paper entitled *"Impact of Leadership Styles on Job Performance in Healthcare Sector: A Literature Review"* has been accepted for publication in "Psychology and Education", a SCOPUS indexed journal.
- IEEE UAE Student Day 2021 - A total of 12 universities participated in the event. Ajman University EE and BME Students participated in two categories. AU teams won two places out of the 12.

INNOVATION:

1- Ajman University is the Only University in the Middle East to Win the 2021 Ellucian Impact Award for its Innovation Efforts to Support Students During Pandemic
Ellucian, the leading higher education technology solutions provider, today announced that Ajman University has won a 2021 Ellucian Impact Award. The university was honored for its innovative efforts to support students during the pandemic.

2- AU Innovation Center
- o **K-STEAM Startup** - Gbot, a humanoid robot, is a humanoid robot for coding that allows you to make robots through assembly and operate various forms of movement directly through an easy coding teaching process.
- o **Classat Startup -** Classat is an Educational Platform that aims to provide courses from top universities in the UAE with Accredited Certifications.
- o **Sketshare Startup -** Sketshare is a virtual whiteboard with real-time collaboration. For everyone who needs to connect remotely with others for a quick brainstorming session, this user-friendly online collaborative whiteboard is ideal.

TEACHING:

1- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
2- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
3- **84** courses directly covering SDG 4 Quality Education as per the top 100 keywords for SDG 4
4- Accreditation, Rankings and Ratings
5- Number of Full-time Faculty Hired from Top 200 Universities: THE, QS, and Shanghai Rankings

Academic Year	Total No. of New Faculty Hired	No. of Faculty Hired from Top 200 Universities: THE, QS, and Shanghai Ranking	Percentage of Faculty Hired from Top 200 Universities: THE, QS, and Shanghai Ranking
2019-2020	21	3	14%
2020-2021	21	6	29%
2021-2022	40	17	43%
Fall: 2022-2023	25	10	40%

6- **Proportion of graduates with teaching qualification:**

665 out of 1466 graduates in year 2021 gained a qualification that entitled them to teach at primary school level

7- Teaching and Learning Center (TLC) – AU's TLC collaborate with colleges, departments, and offices to develop and sustain faculty's skills and knowledge in pedagogy and technology of education. Also, TLC design and implement a wide spectrum of training programs that target faculty (including adjunct and part-time faculty) and teaching support staff.
8- Webinar on Equality in The Educational System - The Office of Environmental Health and Safety has taken a giant step towards promoting the inclusion of AU community members and their integration on campus by focusing on the available accessibility options, health facilities, and special measures for their safety on campus.

9- The Executive Committee of Ajman University's Board of Trustees Highlights the University's Achievements - The Executive Committee of Ajman University's Board of Trustees held a meeting to highlight the recent achievements of the University.

10- Ajman University Awarded QS 5 Stars Rating for Online Learning -AU has been awarded a 5-Star rating for online learning by Quacquarelli Symonds (QS), a leading global higher education ranking agency. The highest possible rating in the category of online learning, which demonstrates AU's ability to deliver superior student engagement and learning experience even in a virtual environment.

11- Ajman University Emerges as One of the Fastest Growing Arab Universities - AU has risen a significant 5 places this year to rank #30 in the annual QS Arab Region University Rankings 2022.

12- Dr. Maria Opulencia Speaks in Collaborative Online International Learning (COIL) Lecture Session - Dr. Maria Opulencia, CBA Department of Management Faculty member was an invited speaker on the topic "Asian Regionalism" in a Collaborative Online International Learning (COIL) Lecture Session on March 12, 2021." COIL connects courses, linking the classrooms of two or more higher education institutions, each located in a different country or cultural setting. The COIL model does not merely promote students from different countries sharing an online classroom.

LIFELONG LEARNING:

- AU has a Lifelong Learning Policy that support activities and initiatives related to lifelong learning.
- Over **8,000** e-learning certificated courses are available to all AU employees through LinkedIn Learning.
- AU has **86** subscribed online databases and **64** has open-access for the external community and available in AU online library.
- Self Help Resources - AU's Counseling Unit website is accessible to all users.
- Alumni Workshops - Workshops offered by the Office of Alumni Affairs and by Office of Career Services at AU.
- Community Impact - The Community Service Unit engagement programs like field visits, workshops, sponsorships for local events and community initiatives are a great context for students to build community with other civic-minded students.
- Ajman University Research Platform is free and accessible to the external community.

OPERATION:

AU, in its operation ensure a conducive, inclusive and sustainable campus for teaching, learning and ultimately student success:

- AU Campus
- Virtual Campus Tour
- Sustainable Campus
- Facilities for People of Determination
- Social Rooms
- Student Life

- Student Success Center
- Library

OUTREACH & PARTNERSHIP:

- Ajman University Will Provide Students Opportunities To Develop Skills And Form Friendships Through Virtual Exchange Developed by Stevens Initiative
  The Stevens Initiative announced its second cohort of faculty scholars and university leadership teams participating in Stevens Initiative Connected Classrooms, a program for a select group of institutions dedicated to expanding global education opportunities through virtual exchange. Ajman University will partner with faculty members at Portland State University and Green River College to plan virtual exchanges that they will implement in classrooms for the next two years.
- The College of Mass Communication At Ajman University & Cairo University Hosted a Joint Webinar
- A joint webinar was held by the Faculty of Mass Communication at both Ajman University and Cairo University. The webinar title was (Vision) And "Discover a talent beyond frame " was its slogan.
- AU has developed a number of partnerships with external organizations through MoUs and initiatives to support community service activities. Some benefits and continuing activities of such partnerships are as follows:

AWS Academy	AU is an authorized institution member of AWS Academy network to deliver AWS Courses.
Cisco Academy	AU delivers online CISCO courses for students for free.
SAP Dual Study Program	SAP delivers online courses to students on SAP latest products to enable them to pass the exam and be SAP certified.
Oracle Academy	This Agreement enable faculty and students to use Oracle latest technology through their online platform.
Direct Trading Technologies	This Agreement provides students with latest skills in online trading stock markets and equip them with required skills to enter trading industry.
PwC Academy	These agreements enable AU Community to get 20% on PwC Courses and support students to be more industry conscious.
Al Ansari Exchange	This Agreement delivers 12 internships per year for our students.
Huawei	Huawei donated equipment to deliver AI technology. Huawei provided access to our student for MOOCs platform to deliver their latest technology courses.
IBM	IBM provided AU Community with access to their knowledge hub platform for IBM skills.
Fazaa Program	This Program enabled AU community to be enrolled in their discount program in the UAE.

Dubai Gold & Commodities Exchange	This MoU enables our students to intern and learn latest skills related to commodities exchange rules and regulation and trading.

Sustainable Development Goal 5:
Gender Equality

Achieve gender equality and empower all women and girls.

AU, in line with its commitment and support to SDG 5, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTER:

AU has a total of six research centers and among these is the Humanities and Social Sciences Research Center (HSSRC), which aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally. HSSRC will provide a distinct climate of comprehensive research opportunities as well as an ability to attract high-quality scientific researchers through partnerships and collaborations.

RESEARCH:

- AU's Scopus publications and citations using the SDG top 100 keywords search for SDG 5 is shown below:
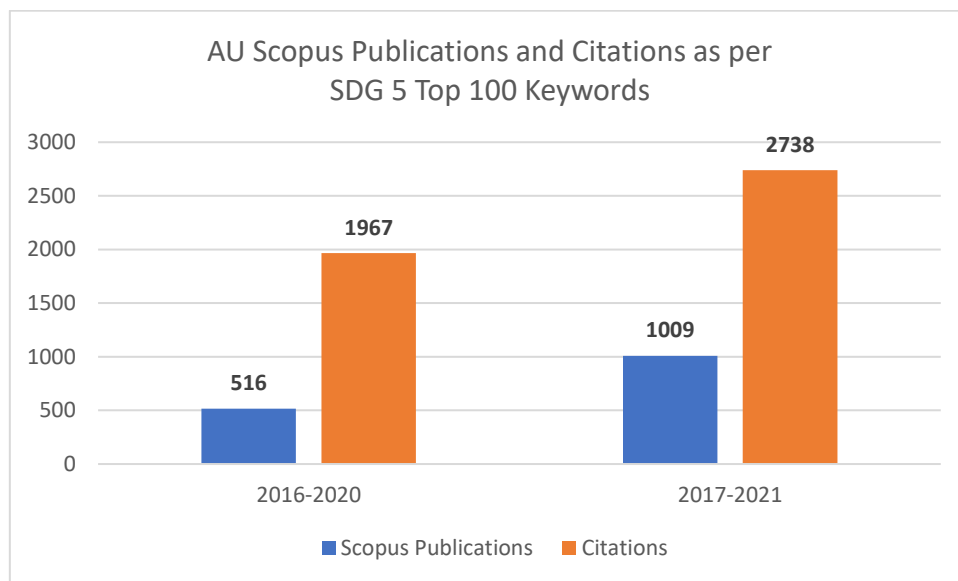
AU Scopus Publications and Citations as per SDG 5 Top 100 Keywords

- [AU Academics Win Rashid Bin Humaid Award for Culture and Sciences](#)
  Two brilliant academics of Ajman University had won this year's 'Rashid Bin Humaid Award for Culture and Sciences' in the United Arab Emirates. Both professors were among the winners of the 38th edition of the Sheikh Rashid Bin Humaid Award for Culture and Sciences, GCC level. In particular, Lecturer Walaa Elsayed, Assistant Professor at the College of Humanities and Science, she won the second position in social studies scientific research for her research: **"The reality of domestic violence against women after the Pandemic COVID-19"**.

INNOVATION:

1. [**AU Students Winning in UAE Hackathon for the 4th Time in a Row**](#)

   With the aim of deterring child sexual abuse, Marwa Alshouli, Somaya Samra, Bashayer Alasfour and Shamma Hareb created an innovative application that detects sexual abuse, notifies the parents, and takes a picture of the assaulter. The project was completed under the supervision and guidance of Professor Mustahsan Mir, Dean of Graduate Studies and Research, and Mr. Wessam Shehieb, Teaching Assistant at the Department of Electrical Engineering.

2. [Compassionate Innovation: Ajman University Student Builds 'Spoken Gloves' to Aid Hearing and Speech Impaired](#) - Islam Al Samarai is a sensitive soul. A second-year female student of the Bachelor of Dental Science program at Ajman University's College of Dentistry, she was deeply moved by the plight of the hearing and speech impaired upon watching videos meant to sensitize students about disabilities.

TEACHING:

1- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.

2- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.

3- **72** Courses directly covering SDG 5 Gender Equality as per the top 100 keywords for SDG 5

4- [Ajman University's Dr. Nahla Qassimi Graduates from Prestigious UAE Government Leaders Program](#) - Ajman University is proud to announce that our Dean of Student Services, Dr. Nahla Al Qassimi has graduated from the UAE Government Leaders Program of the Prime Minister's Office in the category of Executive Leaders, which is the highest category in the program.

5- **STUDENT GENDER BREAKDOWN:**
   New Registered Students, **Spring 2020/21 – Fall 2021/22**
   43%   643 Male
   57%   854 Female

6- **ACADEMIC AND NON-ACADEMIC AU EMPLOYEES**
   Overall Headcount, Fall 2021
   57%   397 Male
   43%   303 Female

OUTREACH & PARTNERSHIP:

1. [Ajman University Webinar Discusses Impact of Covid-19 on Global Population Evolution](#)
   The ongoing Covid-19 pandemic has increased mortality rates across the world, birth rates have reportedly dropped in some countries, while migrations may be ebbing a little. Will this significantly impact how the global population evolves over the next few years? That was the focus of the discussion during a webinar at Ajman University, organized on the occasion of the UNESCO-promoted **International Day of Women in Science** on February 11.

2. **Breast Cancer Awareness Talk -** 18th October 2020 Webinar
   The month of October is the month of Breast cancer awareness, in which Unit of Community Service collaborated with Dubai Health Authority (DHA) having Dr. Ola Abdulsamea Aldafrawy- Specialist registrar Family medicine From Clinical prevention and health promotion unit through ZOOM online workshop. The virtual workshop was discussing the definition of cancer, as well as its symptoms, signs, risk factors, situation in the UAE and worldwide, it also discussed diagnostics and modes of therapy, and finally, the prevention methods. Our aim is to raise awareness among our students to help those who have been diagnosed as cancer cases or healthy people by early detection, education and support services.

3. AU Students Won Umm Al Moumineen Women Short Film Contest
   Ajman University (AU) students, pushed back 300 contestants from across the country, and seized the top spot in the Umm Al Moumineen Women Association short films contest. The competition, themed 'Filial Tolerance', was held under the patronage of the Wife of H.H Sheikh Humaid bin Rashid Al Nuaimi, Supreme Council Member and Ruler of Ajman, Sheikha Fatima Bint Saqr Al Nahyan.

4. Workshops - In collaboration with community authorities Community Service Unit offers a wide range of workshops covering topics such human & social development, personal finance, women empowerment, community sustainable indicators and themes of interest to our students and community alike.

5. Ajman University Innovation Center has an annual calendar schedule finalized at the onset of every new year for the respective workshops. These workshops and events are open for registration to all AU Students, Alumni and external community through our social media page

and website. The AUIC also hosted the Al Ahli Group Social Entrepreneurship Workshops, which was also participated by the Ajman Business Women Council Exhibition.

6. Ajman University Alumna Maha Jaafar'16 appointed UNICEF National Ambassador to Sudan
    AU alumnus, Maha Jaafar, was recently appointed as UNICEF National Ambassador to Sudan for her active role in promoting Sudanese culture and heritage. In her role as National Ambassador, Maha will work to raise awareness about children's issues and promote UNICEF's work in Sudan so that more children can benefit from it.

7. Ajman University Offers More Scholarships and Discounts

    AU has an ongoing array of scholarships and discounts to help as many students continue their study and make their dreams happen. These include scholarships that supports women, up to 50% granted to AU graduates, their wives and husbands in graduate programs, spanning

professional diploma, Master's and PhD programs. Scholarships up to 10% have been approved for the children of AU graduates, their wives, and husbands in undergraduate programs. Scholarships up to 20% have been approved for AU relatives, including their fathers, mothers, and siblings.

Sustainable Development Goal 6:
Clean Water and Sanitation

Ensure availability and sustainable management of water and sanitation for all.

AU, in line with its commitment and support to SDG 6, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

AU has a total of six research centers and among these is the Humanities and Social Sciences Research Center (HSSRC), which aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally. HSSRC will provide a distinct climate of comprehensive research opportunities as well as an ability to attract high-quality scientific researchers through partnerships and collaborations. In addition, AU has the Centre of Medical and Bio-allied Health Sciences Research (CMBHSR), which research covers Medical and Bio-allied Health Sciences is contributing to the development of life-changing technologies with significant impact on individuals and communities.

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 6 is shown below:

AU Scopus Publications and Citations as per SDG 6 Top 100 Keywords
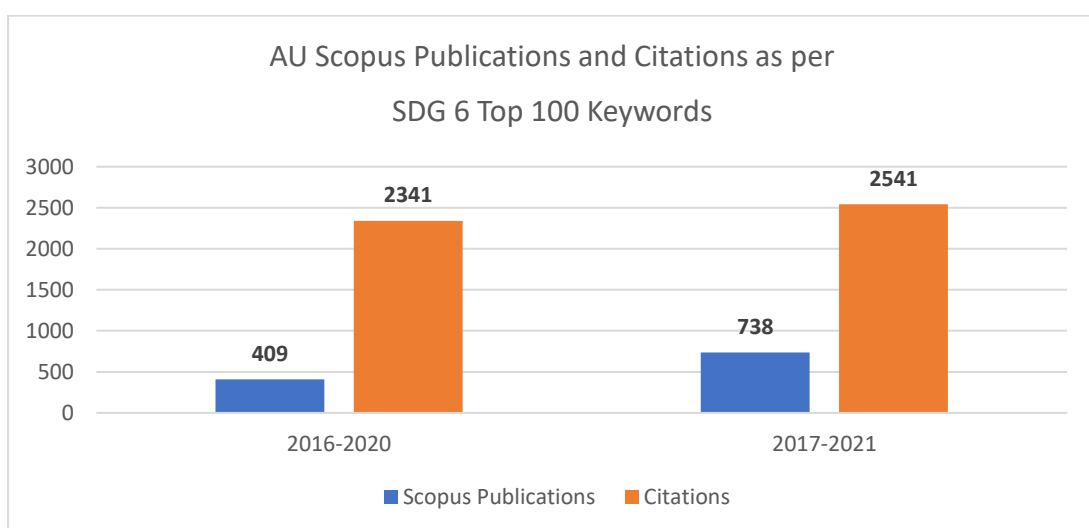
INNOVATION:

Ajman University Innovation Center

1. **Finding Groundwater Startup –** Uses technology for searching groundwater, methods of finding it, and determining the depth on the surface of the earth. Also, it identify the estuaries of water from all directions.
2. **Plant Field Startup** - Uses a technology that extracts salt from soil that greatly harm plants. The principle is the way clean water works after analyzing salt and extracting moisture from it by steaming it using thermal heaters. In this way pure water is generated and harmful salt is extracted from the soil of the delegated agricultural land. Thus, help improve agricultural production.
3. **ZeroCo2 Startup** - Uses a method of extracting potable water and extracting electricity. Through the heater and the use of solar panels and compressors.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **36** courses directly covering SDG 6 Clean Water and Sanitation as per the top 100 keywords for SDG 6.

OPERATION:

Ajman University is conserving and repurposing water to keep the campus clean as well as green. AU has sewage treatment plant, reverse osmosis plant and uses sink sensors.

Reverse Osmosis Plant
The Reverse Osmosis Plant at Ajman University is supplied by salted water from an aquifer on which the university is located. The plant is used to supply purified non-drinking water to campus buildings. The plant has a daily production capacity up to 35,000 gallons. There is a single treatment line with a total of 30 membranes.

Sewage Treatment Plant
A sewage treatment plant has been set up on campus to treat and recycle sewage waste and used water from the toilets and bathrooms. Treated water is used to maintain and irrigate the campus 40,000-square-meter outdoor green areas. AU's sewage treatment plant complies with the Pollution Control Board and has a daily production capacity of 25,000 gallons.

Sink Sensors

All washrooms inside the new student community center have been built with sinks that only dispense water when activated by hand sensors.

Water Sanitation

AU ensures regular cleaning and disinfection of water storage tank, and as well as the swimming pool to ensure the health and safety of the AU and its visitors.

Swimming Pool

Swimming Pool Maintenance Contract – Excerpts

Swimming Pool Water Test Report

Sustainable Development Goal 7:
Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all.

AU, in line with its commitment and support to SDG 7, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

AU has a total of six research centers and among these, the Healthy and Sustainable Buildings Research Center (HSBRC), Humanities and Social Sciences Research Center (HSSRC) and Digital Transformation Research Center (DTRC) . These research centers focussed on the areas associated with sustainable and healthy building plan, design and construction; addressing societal issues in the UAE and important societal issues within the Emirati society and other cultural groups globally; and in the areas of digital transformation, respectively.

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 7
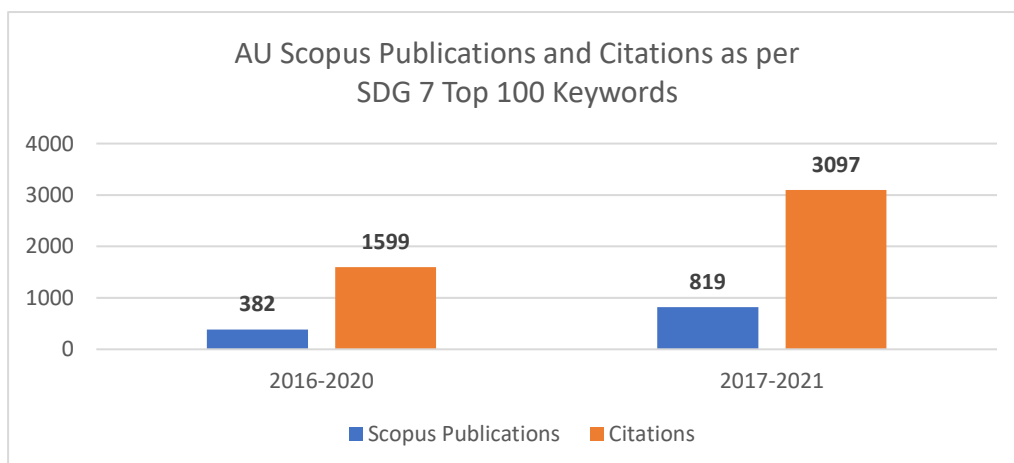
- [Comparative analysis of dish Stirling engine and photovoltaic technologies: Energy and economic perspective](#) - Solar energy can be harnessed by direct conversion of solar energy to electrical energy by using photovoltaic (PV) technology or with the help of thermodynamic cycle by using concentrated solar power (CSP) technologies.
- [Economic viability of solar energy export from the Middle East and North Africa to Europe and South Asia](#) - The Middle East and North Africa can exploit solar energy resources and export them to Europe and South Asia for a sustainable future of the world. A high voltage direct current (HVDC) multi-terminal transmission grid is employed in this research to export solar energy to South Asia from the Middle East and from North Africa to Europe.

INNOVATION:

Ajman University Innovation Center

- **Coolingsolar Panels Startup** - The biggest problem faced by many solar panel users and owners is when the solar panel heats up, it does not give a good amount of electricity. This innovation allows solar panels cool down to reduce heat and produce more and more electricity.
- **ZeroCo2** – The innovation is a method of extracting potable water and extracting electricity through the heater and the use of solar panels and compressors.
- **e Path Startup -** Portable and convenient system for cars to make the sight clear while driving in bad weather or in dark roads.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **42** Courses directly covering SDG 7 Affordable and Clean Energy as per the top 100 keywords for SDG 7.

OPERATION:

1- **Energy Efficient Building** - As part of AU's sustainability initiative, new buildings are designed to utilize natural lighting, reducing carbon footprints and improving energy efficiency.

Student Hub Building

Student Hostel

2- **Digitalization** – AU has adopted digitalization since 2018 to improve the quality of business operations, to reduce cost and to reduce its carbon footprint.

3- **Energy and Water Utilization Efficiency** - AU promotes efficiency in the utilization of energy and water. AU has installed the building management system (BMS) in its new buildings and its effort to install the same system to the old buildings is ongoing.
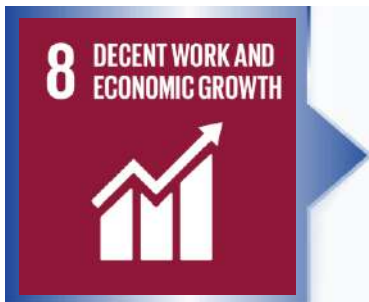
Sustainable Development Goal 8:
Decent Work and Economic Growth

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

AU, in line with its commitment and support to SDG 8, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. The following six state-of-the-art research centers covers key areas of national and international strategic importance:

1. Centre of Medical and Bio-allied Health Sciences Research (CMBHSR)
2. Artificial Intelligence Research Center (AIRC)
3. Healthy and Sustainable Buildings Research Center (HSBRC)
4. Digital Transformation Research Center (DTRC)
5. Nonlinear Dynamics Research Center (NDRC)
6. Humanities and Social Sciences Research Center (HSSRC)

RESEARCH:

AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 8 is shown below:
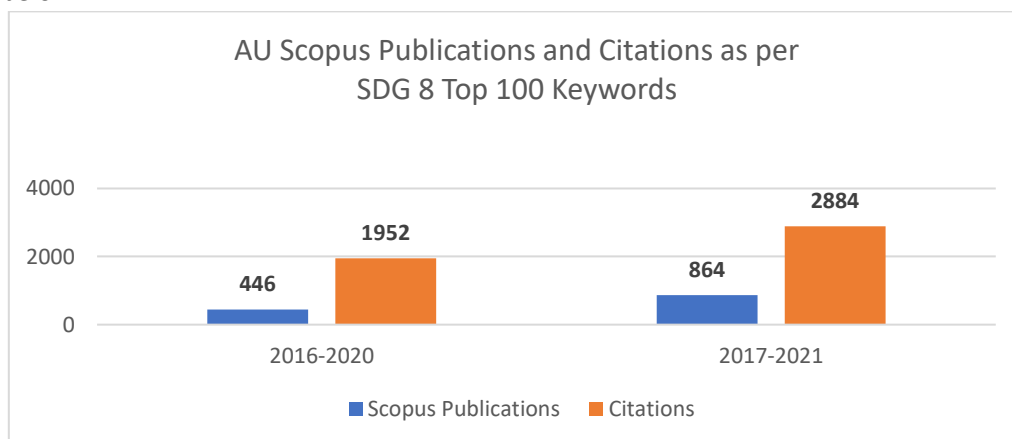
AU Scopus Publications and Citations as per SDG 8 Top 100 Keywords

INNOVATION:

1. [Ajman University first in UAE to earn accredited business incubator status awarded by the Global Innovation Institute](#) -Ajman University's Innovation Center (AUIC) has received the Accredited Business Incubator (ABI) certification by the Global Innovation Institute (GInI) for providing a highly conducive environment for the launch of a globally competitive startup businesses. AU is the first UAE university to earn Gini's coveted ABI certification for nurturing globally competitive startups by students and other budding entrepreneurs.

2. The [Ajman University Innovation Center](#) (AUIC) has helped build startups, and obtained support from its partners to its innovation projects. AUIC, since its inception in 2016, has completed the following:
   1. 5 incubation cycles
   2. 96 startups launched
3. [CBA Student Wins Second Place in Sheraa Hackathon](#) - AU has participated the Sheraa Hackathon 2021 that focused on creating Entrepreneurial ideas to achieve SDGs. AU's CBA student, Karen Saad Zakaria won Second Place with her project on Cyber Security, targeting the **SDGs of Industry, Innovation and Infrastructure, Decent Work and Economic Growth, and Reduced Inequalities.**

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **49** courses directly covering SDG 8 Decent Work and Economic Growth as per the keywords for SDG 8
- **100%** internship for all its undergraduate programs
- Center for Continuing Education and Enterprises (CCEE) - is a leading provider of testing, training and professional development programs for individuals and corporate groups in UAE and the wider Gulf region.
- Ajman University Joins AWS Academy to Equip Students with In-Demand Cloud Computing Skills - Beginning in Fall 2021, students can enroll in courses that will prepare them to pursue careers in the fast-growing cloud computing space and industry-recognized AWS certifications.
- Ajman University Collaborates with Oracle Academy to bridge the gap between industry and academia - The aim of Oracle Academy is to help students bridge the gap between the university and the workplace. The program is the global philanthropic education arm of Oracle and works with participating universities to develop student knowledge and skills to drive the technology-based economies of the future.
- Ajman University & PwC's Academy tie-up to bridge the skills gap among students - In order to provide its students with the latest and most industry-relevant learning and to boost their career prospects, Ajman University (AU) recently tied-up with PwC's Academy, the talent and skills development business of PwC Middle East. The Academy operates across the Middle East and is part of a growing network present in 40 countries worldwide.
- Ajman University Signs MOU with DGCX to Develop Future Talent - Ajman University has partnered with The Dubai Gold and Commodities Exchange (DGCX) to embark on a strategic collaboration that will enable the exchange of expertise as well as foster the development of professionals across the financial sector. As part of the MoU, both organizations will exchange knowledge, host joint events such as conferences and lectures, and provide one another with access to academic and professional platforms in mutual areas of interest.
- AU Student shares How the DBA Program is Transforming Her into a Leader - AU student Khulood Mohamed for example is pursuing her Doctor of Business Administration (DBA) at AU, while working as a Lecturer with the Federal Police School in the Ministry of Interior. "The DBA program at Ajman University has given me the confidence to become a change-maker and business transformer at my workplace," says Khulood. Hear from Khulood how pursuing a DBA at Ajman University is shaping her into a business leader for tomorrow

GRADUATES:

- **Graduation Rate:**

Graduation Rate – Comparative Analysis

	2017-18	2018-19	2019-20	2020-21	2021-22
Graduation Rate	86%	89%	92%	91%	94%

- **Number of graduates who gained a qualification that entitled them to teach at primary school level:**

  298 out of 1466 graduates in year 2021

EMPLOYMENT RATE:

74.81% Employment rate as per AU alumni employment survey of 15 months after graduation. The survey was conducted in 2021 using the total of graduates in 2019.

OPERATION:

Policies:
Equal Pay for Male and Female Faculty and Staff Members
AU strictly comply with the U.A.E. Labor law and its amendments, and has an established Compensation Policy, and Non-Discrimination Policy. AU's Non-Discrimination Policy explicitly states that "Ajman University does not discriminate on the basis of nationality, sex, age, religious belief, race, color, or marital status. Hence, it is the policy of the University, with the commitment of its senior management, to prevent and not tolerate any unlawful or unfair discrimination in any matters related to admission, recruitment, or access to education programs or services.

Human Resources:
Average Full-Time Length of Employment
7 years Average full-time faculty length of employment as of December 2021
9 years Average full-time staff length of employment as of December 2021

Proportion of Part-Time to Full-Time Faculty
20% 64 out of 327 total faculty, Fall 2021

OUTREACH & PARTNERSHIP:

1. The College of Mass Communication At Ajman University & Cairo University Hosted a Joint Webinar - A joint webinar was held by the Faculty of Mass Communication at both Ajman University and Cairo University. The webinar title was (Vision) And "Discover a talent beyond frame " was its slogan.

2. To Mark World Statistics Day, Ajman University Partners with "Ajman Statistics"
   The agreement, intended to conduct more scientific studies and research on social, environmental and economic issues, will help exchange knowledge, experiences and practices in community services, and provide scientific and technical consultations. "The agreement will also give a boost to the Center's "academic lens" initiative, which is meant to enhance studies and research on social, economic and environmental issues. It will also help study and analyze future career skills to set a balance between the educational outcomes and the needs of the labor market."

3. Recent Trends in Web Programming
   On March 16th, the College of Engineering and Information Technology conducted an interactive virtual workshop in collaboration with Al-Balqa Applied University in Jordan on the "Recent Trends in Web Programming". The workshop was organized by Dr. Mohammed Al-Betar, Associate Professor at Ajman University, in collaboration with Dr.Tamara Alqablan, Lecturer at Al-Balqa Applied University. Around sixty students from Al-Balqa Applied University and Ajman University have attended this workshop. Dr. Tamara presented the latest trends in Web Programming along with an introduction to the Bootstrap framework for HTML, CSS, and JavaScript by giving a simple demo on how to implement bootstrap with websites. Dr. Mohammed Al-Betar also discussed with the attendees the challenges that might be faced in developing a website.

4. AU Joins as National Partner for Global Research Project on Student Entrepreneurship
   Ajman University has joined the world's largest research project on student entrepreneurship as the national partner of Global University Entrepreneurial Spirit Students' Survey (GUESSS) 2021. More than 1000 universities across 54 countries worldwide are participating in the research endeavor. The initiative is the brainchild of Prof. Dr. Philipp Sieger of the University of Bern in Switzerland, a QS top 200 and triple crown accredited institution.

5. Ajman University's Virtual Career Fair 2021 is a Resounding Success
   In order to facilitate our students' career aims and to help them connect with leading employers in the market, Ajman University (AU) held a Virtual Career Fair on March 22, 2021. 47 leading global and UAE companies participated in the Virtual Career Fair, which connected students with attractive internship and job placement opportunities at these companies.
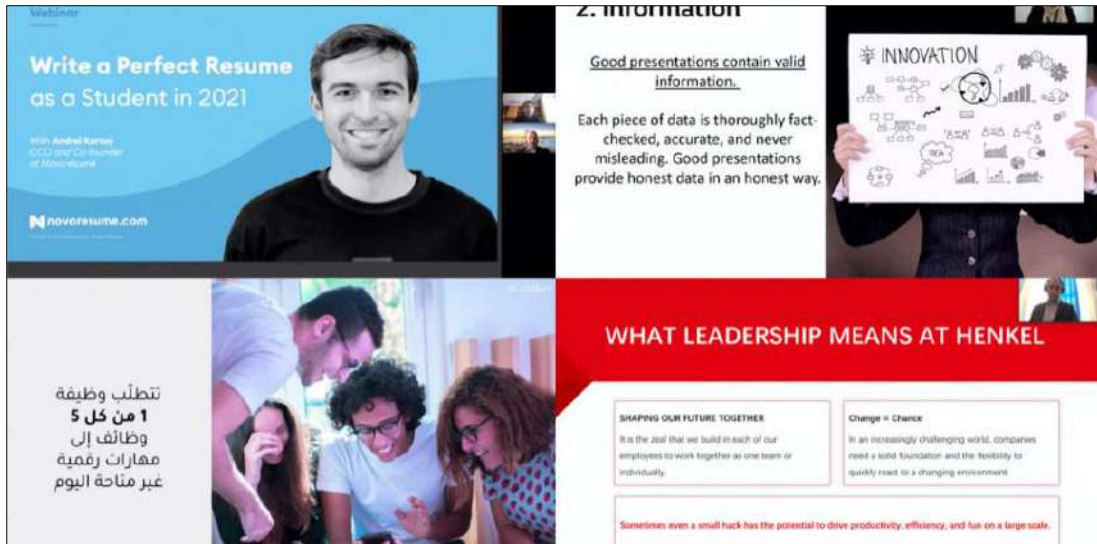
6. Professional Cooperation between the College of Mass Communication and "MEPRA"
The College of Mass Communication is always keen to support and develop the academic process and provide professional services to all its students and affiliates, in this regard a remote meeting was held between Dr. Hossam Salama, the College's Dean, and representatives of the Middle East Public Relations Association "MEPRA". During the meeting, the association provided a detailed presentation that covers all the membership benefits, such as the free virtual training and workshops, in addition to the various seminars and sessions. The association also provides through its official website job vacancies and a guide for talents in the field, which includes complete profiles for job seekers, with the possibility of benefiting from the mentoring program that connects senior leaders with junior professionals, besides skills development and career guidance.

7. Ajman University Welcomed into CFA Institute University Affiliation Program - Ajman University is welcomed into the CFA Institute University Affiliation Program. BSc Finance program has been acknowledged as incorporating at least 70 percent of the CFA Program Candidate Body of Knowledge (CBOK) and placing emphasis on the CFA Institute Code of Ethics and Standards of Professional Conduct within the program. Entry into the CFA Institute University Affiliation Program signals to potential students, employers, and the marketplace that Ajman University curriculum is closely tied to professional practice and is well-suited to preparing students to sit for the CFA examinations. Through participation in this program, Ajman University is eligible to receive a limited number of CFA Program Student Scholarships each year.

8. CBA Strategic Advisory Board Holds Fall Meeting – Among other things, the board offered insights and ideas on several issues discussed during the previous meeting and reviewed progress on these issues connected to the college's strategic priorities, CBA's internship program, improving alumni relations, and other related matters.

9. [Department of Finance Holds Inaugural Advisory Board Meeting](#) - The department of finance held its advisory board meeting on 3rd April 2021. The advisory board consists of members from industry and academia. The objective of this board is to meet periodically and discuss issues spanning from curriculum development to job prospects.

10. [Seminar on Strategic Decision Making in Freight Transport using Data Analytics](#)
College of Business Administration hosted a seminar for DBA students, delivered by Dr. Wessam Abouarghoub from Cardiff Business School-Cardiff University-UK, on how to use data analytics to inform decisions on freight transport, on Thursday 4/11/2021. Dr. Abouarghoub showed the students how to extract relevant data from Eikon Datastream. This session was well-attended and engaging, all participants enthusiastically shared their own experiences with the guest speaker, which enriched the session greatly.

11. [CBA faculty Present Collaborative Research in Family Business in the Arab World Conference](#)
Dr. Maria Opulencia of the Department of Management and Acting Dean Akinola Fadahunsi recently presented a paper in collaboration with Prof. Enrique Soriano, a World Bank Consultant on Family Business in Asia during the Family Business in the Arab World Conference hosted virtually by American University of Sharjah on November 4-5, 2020. The conference was attended by 390 scholars, business owners and experts from 50 different countries.

HRM Webinar Series - November 2020

November 7 - November 30

12. CBA Conducts Career Development Webinar Series

The Department of Marketing and the Student's Marketing Club conducted a weekly series of webinars on Entrepreneurship and Industry Readiness during June and July 2020. Many international guest speakers from various industries were invited to share their experiences with CBA students, which provided the students a good opportunity to learn the perspective of different experts on various business issues.

Business & Career growth

Dr. Aftab Ahmad
Dept. of Marketing CBA

MARKETING CLUB
MAKE IT MEMORABLE

Sustainable Development Goal 9:
Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

AU, in line with its commitment and support to SDG 9, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. The following six state-of-the-art research centers covers key areas of national and international strategic importance:
1. Centre of Medical and Bio-allied Health Sciences Research (CMBHSR)
2. Artificial Intelligence Research Center (AIRC)
3. Healthy and Sustainable Buildings Research Center (HSBRC)
4. Digital Transformation Research Center (DTRC)
5. Nonlinear Dynamics Research Center (NDRC)
6. Humanities and Social Sciences Research Center (HSSRC)

RESEARCH:

AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 9 is shown below:
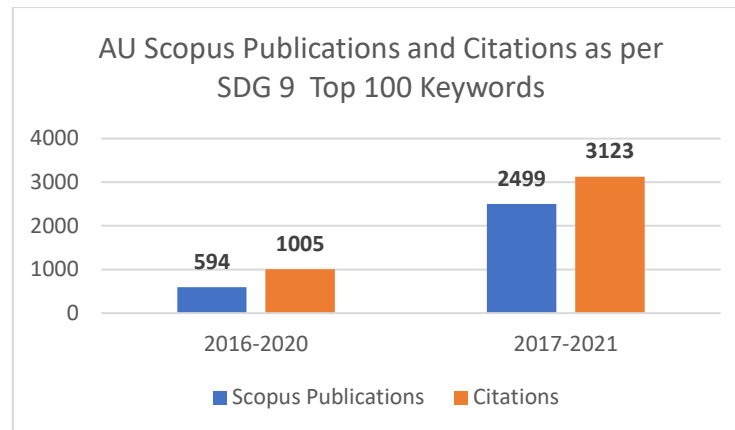
AU Scopus Publications and Citations as per SDG 9 Top 100 Keywords

	2016-2020	2017-2021
Scopus Publications	594	2499
Citations	1005	3123

INNOVATION:

- Ajman University is the Only University in the Middle East to Win the 2021 Ellucian Impact Award for its Innovation Efforts to Support Students During Pandemic - The annual Ellucian Impact Awards celebrate visionaries who are inspiring others to push the boundaries of higher education technology and innovation. The announcement was made during Ellucian Live, the industry's top global technology conference. This year, Ellucian recognized six institutions that represent excellence across the categories of student well-being, innovation and digital transformation. Ajman University won in the innovation category.

- Ajman University first in UAE to earn accredited business incubator status awarded by the Global Innovation Institute - Ajman University's Innovation Center (AUIC) has received the Accredited Business Incubator (ABI) certification by the Global Innovation Institute (GInI) for providing a highly conducive environment for the launch of a globally competitive start-up businesses. AU is the first UAE university to earn Gini's coveted ABI certification for nurturing globally competitive start-ups by students and other budding entrepreneurs. GInI is the world's leading professional certification, accreditation, and membership association in the field of innovation that maintains a highly rigorous and evidence-based accreditation program for business organizations.

- The Ajman University Innovation Center (AUIC) has helped build startups, and obtained support from its partners to its innovation projects. AUIC, since its inception in 2016, has completed the following:
  1. 5 incubation cycles
  2. 96 startups launched

- 19 Startups were launched in 2021

- Compassionate Innovation: Ajman University Student Builds 'Spoken Gloves' to Aid Hearing and Speech Impaired - Islam Al Samarai is a sensitive soul. A second-year student of the Bachelor of Dental Science program at Ajman University's College of Dentistry, she was deeply moved by the plight of the hearing and speech impaired upon watching videos meant to sensitize students about disabilities.

- Ajman University Alumni win yet another QS Reimagine Education Award
  Ajman University is proud to announce that our alumni and faculty, Wessam Shehieb' 14 and Ali Mohammed Ridha' 19 have won the prestigious QS Reimagine Education Awards once again, this time for the Middle East region. Their innovative solution EchoV, which uses technology to better fulfil the learning needs of the hearing impaired, was announced as the Silver Award winner for Middle East at the QS Maple 2021 Virtual Conference held from March 23-25, 2021

- Ajman University Students Win Prestigious James Dyson Award for Design Engineering
Ajman University Engineering College students have been awarded the James Dyson National Award for Design Engineering. The winning students - Marwa Alshouli, Somaya Samra, Bashayer Alasfour and Shamma Hareb - were awarded for their solution entitled Shield, which uses technology in creative ways to identify and prevent child sexual abuse.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **30** courses directly covering SDG 9 Industry, Innovation and Infrastructure as per the keywords for SDG 9.

OUTREACH & PARTNERSHIP:

1. In 2021, the AUIC Demo Day showcased innovative and creative projects designed by AU students as well as projects incubated at the Center. It brought together innovators, entrepreneurs and inventors from public and private sectors to discuss the latest trends in research, innovation, technology, creativity, and entrepreneurship. The virtual event was characterized by a 3D hall that enabled the participants to explore 18 startup booths as well as 6 public and private sectors booths which featured online chat, videos, banners and other insightful communications.

2. Ajman University Innovation Center International MoUs
   - GCCEI (South Korea),
   - N15 (South Korea),
   - ULALA LAB – WIM Factory (South Korea)
   - University of Latvia (LU),
   - Riga Technical University (RTU),
   - Institute of Electronics and Computer Engineering (EDI), 4
   - Riga IT Demo Center
3. General Directorate of Civil Defence of Ajman and AU MoU activation
   - The AU Innovation Center hosted the following workshops:
     - o   AI & Innovation Workshop 21/12/2021
     - o   AI & Innovation Workshop 05/12/2021
   - AU Students Training was provided by GDCD of Ajman
4. Ajman Free Zone and AU MoU Activation
   - College of Engineering and Information Technology - IT Students Projects
   - AU was invited to participate in the AI Robotics Inauguration at GITEX on 18th October 2021

Sustainable Development Goal 10:
Reduced Inequalities

Reduce inequality within and among countries.

AU, in line with its commitment and support to SDG 10, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. The following six state-of-the-art research centers covers key areas of national and international strategic importance:

1. Centre of Medical and Bio-allied Health Sciences Research (CMBHSR)
2. Artificial Intelligence Research Center (AIRC)
3. Healthy and Sustainable Buildings Research Center (HSBRC)
4. Digital Transformation Research Center (DTRC)
5. Nonlinear Dynamics Research Center (NDRC)
6. Humanities and Social Sciences Research Center (HSSRC)

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 10 is shown below:

- [AU Academics Win Rashid Bin Humaid Award for Culture and Sciences](#) - Two brilliant academics of Ajman University had won this year's 'Rashid Bin Humaid Award for Culture and Sciences' in the United Arab Emirates. Both AU faculty were among the winners of the 38th edition of the Sheikh Rashid Bin Humaid Award for Culture and Sciences, GCC level. Dr. Hosni Mahmoud Abdel-Dayem Abdel-Samad, an Associate Professor at the College of Law, earned the **first position in the field of Sharia law and legal studies**. As for Lecturer Walaa Elsayed, Assistant Professor at the College of Humanities and Science, she won the **second position in social studies scientific research for her research: "The reality of domestic violence against women after the Pandemic COVID-19"**. The honored Ajman University academics were among 243 participants His Highness has awarded in recognition of their efforts to enrich the Arab culture, research, and scientific studies.

- [Dr. Katariina Juusola Publishes International Report on Impact of Transnational Graduate Outcomes](#) - Dr. Katariina Juusola, Assistant Professor of Marketing at Ajman University's College of Business Administration, has taken part in an international, interdisciplinary research project in collaboration with a team of researchers from University College London (UCL) Institute of Education. The project was commissioned and funded by Universities UK International, a major organization in UK higher education policy. The study conducted during Spring and Summer 2021 focused on examining the outcomes of UK transnational higher education graduates in the United Arab Emirates. The findings of the study address common experiences of graduates in the transition from higher education to employment, a range of skills and specialist knowledge obtained throughout their studies, and their identities as graduates in transnational spaces.

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INNOVATION:

The [Ajman University Innovation Center (AUIC)](#) hosts Idea Competitions that welcomes innovative ideas and projects from the AU community all across UAE. The event will be judged by a top-notch jury of industry experts and innovative entrepreneurs. The participants can consist of AU students, AU staffs, external startups and innovators; regardless of their nationality. This allows equal access to a possible startup opportunity. AUIC, since its inception in 2016, has completed the following:

- **5** incubation cycles,
- **96** startups launched and **19** out 96 were launched in 2021

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **48** courses directly covering SDG 10 Reduced Inequalities as per the keywords for SDG 10.
- Webinar on Equality in The Educational System - The Office of Environmental Health and Safety has taken a giant step towards promoting the inclusion of AU community members and their integration on campus by focusing on the available accessibility options, health facilities, and special measures for their safety on campus. In this regard, the Office organized in collaboration with the Office of Medical Services – Ajman University Women Empowerment Council and Office of Student Life – Ajman University Students of Determination Club a webinar that featured two POD students who shared their experience at AU.
- **2766** Number of international students (FTE) from developing countries in 2021
- Ajman University Once Again Ranks among Top 750 Universities Worldwide in QSWUR 2022 - QSWUR, one of the most acclaimed academic rankings worldwide, ranks more than 5500 universities worldwide each year, on six key parameters including academic & employer reputation, international students & faculty, and faculty-student ratio among others. In this year's QSWUR rankings, Ajman University has been ranked no.4 for international students and no.6 for international faculty, demonstrating its continued strength in attracting and retaining international students and faculty. In the UAE, AU was ranked among the top 8 universities, as per QSWUR 2022.
- Seminar on Strategies to Publish in Highly Ranked Journals - DBA Administration arranged a seminar for DBA students on publishing in highly ranked journals, which was delivered by Prof. Usha Ramanathan on Monday - 18th October 2021.
- CBA Conducts HRM Webinar Series - In light of the perpetual challenges of keeping students abreast with changing trends in Market dynamics, the Department of Management organized a series of workshops in the fall semester to augment the students with the latest updates in HRM. Professionals from varied streams and top institutions provided students with valuable information that deepen their understanding of the course.

OPERATION:
Policies – AU has established the following policies that ensures equality, inclusiveness, and promotes diversity.

- Non-Discrimination Policy (excerpt) - "Ajman University does not discriminate on the basis of nationality, sex, age, religious belief, race, color, or marital status".
- Policy on Diversity and Inclusivity (excerpt) -" Ajman University embraces shared governance and tolerance, promotes diversity and recognizes its responsibility to foster an open, welcoming environment where multicultural students, faculty and staff can collaboratively learn, work, serve and engage with the external community".

- AU has a Diversity, Equity and Inclusion Committee that directly support SDG 8- Reduced Inequalities. The Diversity, Equity and Inclusion Committee mandate includes, but not limited to, the following:
    1. Explicitly define AU goals for diversity, equity and inclusion and present to the Chancellor for approval.
    2. In coordination with OIPE, develop policies and procedures to promote diversity, equity and inclusion at AU.
    3. Identify the role of different units at AU to implement these policies and procedures and define their specific KPIs for assessment and continuous improvement.
    4. Periodically monitor the implementation of these policies and procedures to ensure that the specified AU goals are met.
    5. Submit an annual report on the achievement of the DEI Committee that also includes recommendations for further improvement.
    6. Perform any other tasks that would enhance the effectiveness of the DEI Committee in achieving the specified goals.
- Student Clubs and Organizations - Student clubs and organizations aim to refine students' talents, develop their skills and achieve effective communication with each other, by organizing many cultural, social and recreational activities. They provide students with the opportunity to develop their leadership personality, acquire time management skills, take responsibilities, and work in a team spirit.
- Ajman University to Host Exclusive Open Days for Non-Arab students from Aug. 14-16 - In a bid to facilitate university admissions for Indian, Pakistani, Bangladeshi and other curricula students in the UAE, Ajman University will host exclusive open days from August 14 - 16. The open days will be held at the Sheikh Zayed Centre in Ajman University campus. AU will offer a 30% discount on tuition fees for the first academic year to the students and also a waiver of admission fees. The offer is open to all applicants from various Indian, Pakistani, Bangladeshi and other curricula such as the CBSE, ICSE, ISC Boards of India; FBISE, Karachi & Lahore Boards of Pakistan; and the Bangladeshi National Curriculum among others. This is just an indicative list and the offer applies to all curricula from these countries available in the UAE.
- Reaffirming our Pledge of Inclusive Education on International Education Day - On this International Education Day, Ajman University reiterated its pledge to provide opportunities for inclusive, equitable and quality education to all and urges everyone to do their bit towards this noble goal.

OUTREACH & PARTNERSHIP:

1. AU has strengthened its efforts to attract brilliant students from all nationalities, with scholarships and discounts. In accordance with its scholarship policy, AU offers 100% scholarship to high school toppers not just in the UAE & Ajman, but also a host of other countries in Asia, Middle East & North Africa including Saudi Arabia, Oman, India, Pakistan and Philippines.
2. Ajman University Students are Proud Participants and Volunteers at Fazza International Championship for People of Determination - The Championship was held from November 15-18, 2021 in Dubai and it offered people of determination a chance to compete with each other in a friendly spirit and express themselves through sport. The championship had participants from 9 countries including China, Korea, Iraq and other Asian nationalities. Khaled Hatem

Elsayed, AU student from the College of Pharmacy and person of determination who participated in the championship said, "It was a unique opportunity for me to connect with other people of determination from different countries and learn to communicate with them.

3. Ajman University honors its strategic partners on the occasion of the International Day of Charity-Year 2021 - Dr. Karim Seghir, Ajman University chancellor extended his deep appreciation to H.H. Sheikh Humaid Bin Rashid Al-Nuaimi, Member of the Supreme Council and Ruler of Ajman for his endless support and patronage to Ajman University.

4. His Highness Sheikh Humaid bin Rashid Al Nuaimi awards full scholarships at Ajman University to the sisters of science, graduating top of their class - His Highness Sheikh Humaid bin Rashid Al Nuaimi, Member of the Supreme Council, Ruler of Ajman, and Chairman of the Board of Trustees of Ajman University, has granted full scholarships at Ajman University to the Jordanian sisters, Farah, Leen and Logain, who are triplets, share not only their birthdays, but also the top scores in their classes,98.5% from Al Hikma Private School in Ajman.

5. Ajman University Will Provide Students Opportunities To Develop Skills And Form Friendships Through Virtual Exchange Developed by Stevens Initiative
The Stevens Initiative announced its second cohort of faculty scholars and university leadership teams participating in Stevens Initiative Connected Classrooms, a program for a select group of institutions dedicated to expanding global education opportunities through virtual exchange. Ajman University will partner with faculty members at Portland State University and Green River College to plan virtual exchanges that they will implement in classrooms for the next two years.

6. Under the Patronage of His Highness Sheikh Mansour bin Zayed al Nahyan Ajman University is a Member of the Higher Committee of the Global Media Congress - The Higher Organizing Committee for the Global Media Congress held its first meeting at the Abu Dhabi National Exhibition Centre (ADNEC) to discuss preparations for the launch of the Congress. Under the patronage of His Highness Sheikh Mansour bin Zayed Al Nahyan, Deputy Prime Minister and Minister of Presidential Affairs, and organized by the Abu Dhabi National Exhibitions Company, in strategic partnership with Emirates News Agency (WAM), the inaugural Global Media Congress will take place from 15-17 November 2022, in Abu Dhabi. The College of Mass Communication participated in the Scientific Committee, which prepares for the activities of the first Global Media Congress.

7. The Ministry of Infrastructure Development and AU MoU Activation
   - MID Representative as a Member of the Department Advisory Board of AU's Architecture Department
   - Organizing shared activities
   - Graduates Employment at MID
   - Students training
   - College of Humanities and Sciences research collaboration

8. General Directorate of Residency and Foreigners Affairs – Ajman and AU MoU Activation
   - 8 scholarships (50%) offered by AU to GDRFA staff
   - Students training provided by GDRFA

Sustainable Development Goal 11:
Sustainable Cities and Communities

Make cities and human settlements inclusive, safe, resilient and sustainable.

AU, in line with its commitment and support to SDG 11, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. Three of these research centers covers key areas of national and international strategic importance relevant to SDG 11:

1. Healthy and Sustainable Buildings Research Center (HSBRC)
2. Digital Transformation Research Center (DTRC)
3. Humanities and Social Sciences Research Center (HSSRC)

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 11 is shown below:
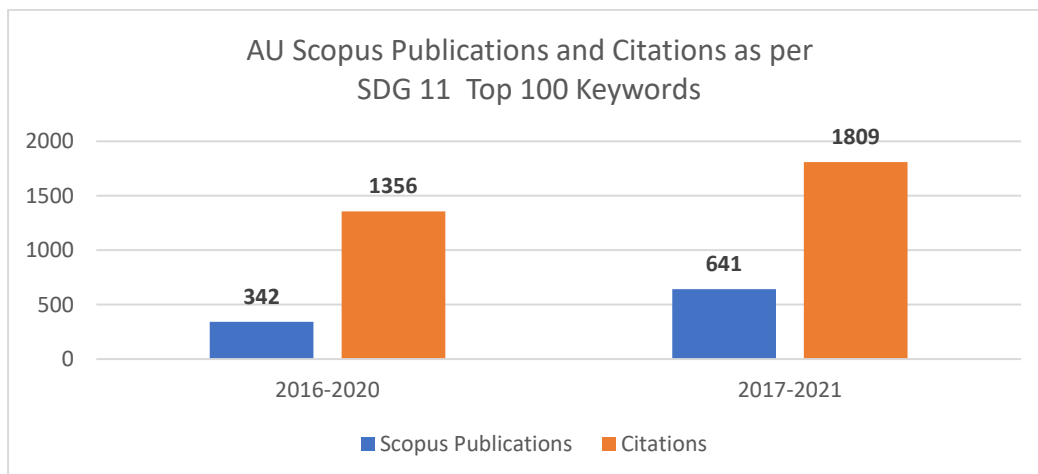
- [AU Team wins Research Competition Focused on Emerging Tech & Sustainability](#) - An AU team comprising student Mohamad Al Ansari, supervised by faculty Dr. Ayman Tawfik and Engr. Wessam Shehieb, have won the first place at the Research Collaboration Competition by Skyline University in Sharjah. The research competition focused on "Application of Emerging Technologies and Sustainability" is aimed at promoting scientific research among students and fostering their entrepreneurial and innovative mind-set.

- [An analysis of indoor environment evaluation for The Springs development in Dubai, UAE](#) - This study aims to evaluate The Springs' indoor environment, one of the iconic townhouse-type residential buildings in Dubai, more efficiently for the integrated evaluation of the indoor environment with the weights of indoor environmental factors such as thermal, indoor air, lighting and acoustic.

- [Extracting the Planning Elements for Sustainable Urban Regeneration in Dubai with AHP (Analytic Hierarchy Process)](#) - Dubai has experienced rapid economic growth and a remarkable urban reformation during last two decades. In Dubai's old urban fabrics, however, the infrastructure and buildings are being deteriorated, the local economy was stagnated, the urban community became weak, and the vitality of the city center was degraded. Dubai's sustainable urban regeneration project called Deira Enrichment Project plans to improve the lagging physical environment as well as comprehensive urban regeneration across the economy, society, and culture.

- [The Analysis of the Japanese "Borrowed Landscape" Concept in Tadao Ando's Architecture](#) - Borrowed landscape is the concept of integrating background landscape into the composition of a garden, which can be found in traditional Far Eastern Garden design and Tadao Ando's architecture is a fusion of traditional Japanese architecture and western geometric architecture. The Japanese borrowed landscape methodologies, introduced in the architecture of Tadao Ando, had achieved a creative reinterpretation and restoration of the traditional ego of their residential environment from the uniformity and deprivation of humanity due to the rapid modernization of Japan.

INNOVATION:

1. [AU Alumna Khawla Balooshi'20 Selected for Tanween, UAE's Premier Art & Design Contest](#)

   Ajman University alumna Khawla Mohammad Balooshi'20 has been selected by Tashkeel Center, UAE for the eighth edition of Tanween, a leading design and art contest in the UAE. The designers, including Khawla, were handpicked from 58 applications to undertake a year-long, fully-funded professional training program in product design, led by local and international mentors. Participants will embark on a journey of research and experimentation to define a product concept inspired by the UAE, which will then be developed into a prototype. Successful prototypes will be manufactured in the Emirates and launched at Dubai Design Week 2021.

2. [Ajman University Leads the Way for Startups through its 2021 Demo Day Exhibition](#)

   As part of its strategic vision to foster a culture of innovation and develop a generation of entrepreneurs, industrialists, and innovators, Ajman University Innovation Center (AUIC) organized the 2021 Demo Day on February 18, 2021 under the theme of "UNTACT: AU Leads the Way for Startups during Pandemic". The exhibition which coincides with the UAE Innovation Month was held online due to the precautionary safety measures against the

coronavirus pandemic. Dr. Karim Seghir, AU Chancellor; Dr. Chuloh Jung, AUIC Director, and Mr. Fathy Afana, CEO of Fast Building Contracting and member of the AUIC Board attended the exhibition.

3. AU to host the annual Ajman International Environment Conference by Ajman Municipality
Under the patronage of His Highness Sheikh Humaid Bin Rashid Al Nuaimi, Member of the Supreme Council and Ruler of Ajman Municipality and Planning Department-Ajman is pleased to organize Ajman 6th International Environment Conference on
"TOWARDS 2071 SHAPING THE FUTURE For Environmental Sustainability"

4. Ajman University Innovation Center

- **Coolingsolar Panels Startup** - The biggest problem faced by many solar panel users and owners is when the solar panel heats up, it does not give a good amount of electricity. This innovation allows solar panels cool down to reduce heat and produce more and more electricity.
- **ZeroCo2** – The innovation is a method of extracting potable water and extracting electricity through the heater and the use of solar panels and compressors.
- **e Path Startup -** Portable and convenient system for cars to make the sight clear while driving in bad weather or in dark roads.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **29** courses directly covering SDG 11 Sustainable Cities and Communities as per the keywords for SDG 11.

- Renowned Architect Stephan Frantzen Joins Ajman University as Visiting Professor - Renowned architect, Stephan Frantzen has joined AU's College of Architecture, Art & Design as a Visiting Professor. Mr. Stephan has been Design Director in companies like Gensler in New York and P&T Architects and Engineers in Hong Kong, and for the last 12 years in the P&T Dubai office where he is recognized as one of the most influential architects in the Middle East as per Construction Week and Middle East Architect magazines.
- The College of Mass Communication Inform its Students about AU Program for Expo 2020 visits
As a part of Ajman University's efforts to engage its students in community events in UAE, the College of Mass Communication organized a "Zoom meeting" to inform its students about the university's program for visiting Expo 2020. During the meeting, the College dean Dr. Hossam Salama stressed the importance of visiting this exceptional event hosted by UAE with the participation of more than 192 countries, to gain lots of benefits and skills such as free workshops, free tours to all the pavilions of various countries to enrich their knowledge and skills, and enhancing their knowledge about the latest technological developments in various fields.

- [The College of Mass Communication Continues its Visits to Expo 2020](#) - Within the AU program for Expo 2020 visits, the College of Mass Communication continued to organize its visits for students under the supervision of the Faculty. This demonstrate the college's keenness to benefit its members from this important global event that is organized in the UAE with the participation of a large number of countries, and during the visits, short workshops are held for students on sustainability and technology, as well as free tours to explore the latest technological developments and innovations presented in the [pavilions](#).

- [Ajman University's College of Architecture, Art & Design launches Student Awards for Academic Excellence](#) - The College of Architecture, Art & Design (CAAD), Ajman University is pleased to announce the launch of CAAD Student Awards. To be given out annually, CAAD Student Awards will recognize academic excellence, creative endeavor and leadership demonstrated in the Architecture and Interior Design streams of the college.

- [Winners of CAAD Student Awards 2020-21](#) - The College of Architecture, Art & Design (CAAD), Ajman University is pleased to announce the winners of the first annual CAAD Awards 2020-21. In this inaugural edition, Zulaikha Abdul Majeed won the Best Interior Design Project award, while Sundus Naief received the Best Architecture Project Award.
- [Ajman University Congratulates Alumnus Omar Kaddourah'16 on joining Zaha Hadid Architects](#) Ajman University would like to congratulate our alumnus Omar Kaddourah'16 for being selected to join renowned London-based architecture firm, Zaha Hadid Architects. The late Zaha Hadid, the firm's founder, is deemed to be one of the most prominent figures in the

world of architecture and has multiple award-winning projects to her credit including London Aquatics Center, Maxxi Museum in Rome and the Guangzhou Opera House.

OPERATION:

1- Energy Efficient Building - As part of AU's sustainability initiative, new buildings are designed to utilize natural lighting, reducing carbon footprints and improving energy efficiency.
2- Digitalization **–** AU has adopted digitalization since 2018 to improve the quality of business operations, to reduce cost and to reduce its carbon footprint.
3- Energy and Water Utilization Efficiency **-** AU promotes efficiency in the utilization of energy and water. AU has installed the building management system (BMS) in its new buildings and its effort to install the same system to the old buildings is ongoing.

OUTREACH AND PARTNERSHIP:

- Ajman University Organizes Week-long Celebrations for 50th UAE National Day
  It's festive mood at Ajman University (AU)where the campus is echoing with celebratory notes of the military band and the atmosphere is lively with colorful decorations that adorn the campus. AU is celebrating the 50th National Day of the United Arab Emirates from November 21-25 with great pomp and vigor. AU is a diverse community with students, faculty and staff coming from over 50 countries worldwide. For the celebration week of the UAE National Day however, the staff, faculty and students have united under the single banner of the UAE National flag.
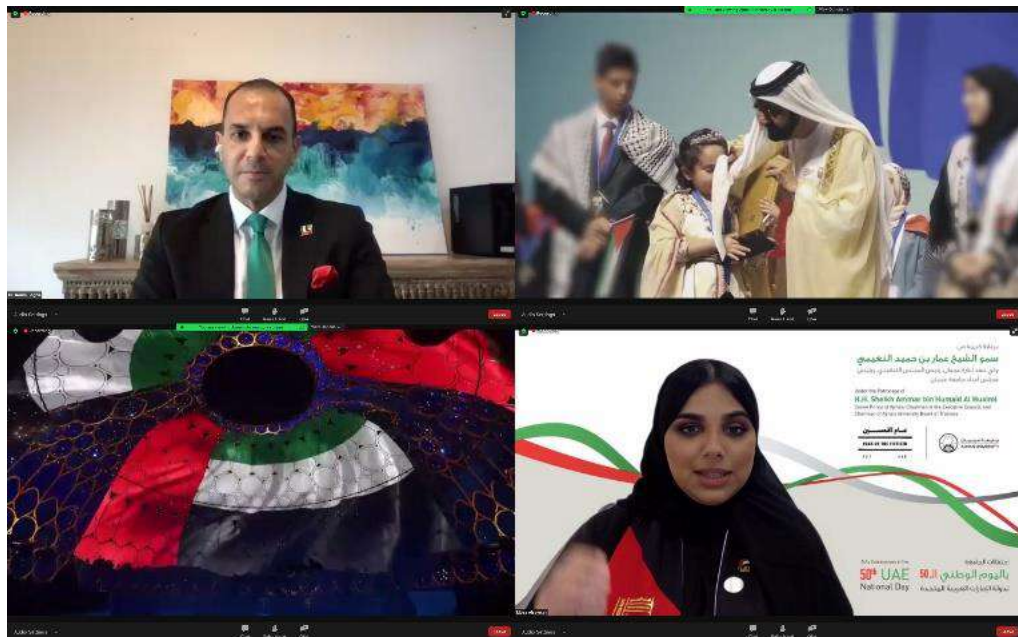
- [Heritage Conservation Conference animated by Arch. Rashad Bukash (President of Architectural Heritage Association in the UAE)](#) - Our guest, through some cases in the U.A.E and mainly in Dubai, will allow us to debate about the significance of the places giving sense to these properties and seen as the receptacle of different cultures.

- [Ajman University Students participate in the first edition of the "Al MURABBAA Art Festival"](#) The College of Architecture Art and Design students took part in the first edition of the "Al MURABBAA Art Festival" showcasing the Al SADU collection at Ajman Heritage District from the 28th of October to the 6th of November. During the event, students from the department of Interior Design took a workshop with renowned Italian designer "Simone Micheli" ,and the first three winners will be receiving training at Simone Micheli's Interior Design Firm in Milan.

- [Ajman University Students participate in the P&T Architectural Student Competition Awards](#)
Sara Seif Aldeen and Maryem Altahan, students from the College of Architecture Art and Design at Ajman University, were nominated as one of the best 10 projects out of 120 projects in P&T Architectural Student Competition Awards, and they were given Honourable certificates.

- [AU Fine Arts Festival Enthralls Audience with 200 Masterworks](#)
Hundreds of people flocked to the Fine Arts Festival, organized by the Office of Student Life, Ajman University (AU), at the Ajman Marina. Dr Qassimi said Ajman University is keen on involving students in co-curricular activities to develop their culture, encourage their talents, and enhance their skills. "The festival reflects diversity as one of the core values of Ajman University which is home to over 70 nationalities."

- Ajman Society of Social and Cultural Development MoU AU Activation
  - College of Mass Communication - Students Training
  - Career Services - 3 students training
  - College of Humanities and Sciences events + exhibitions during 2021-2022
- International Council of Museums (ICOM) and AU MoU Activation
  - AU Architecture Department - has an ICOM representative as a member of the Department Advisory Board
  - Organizing shared activities
  - Several instructors are members of the council
- [Ajman University Partners with Ajman Statistics](#)

Dr Seghir said Ajman University is keen on building strategic relationships with all community institutions as directed by His Highness Sheikh Humaid bin Rashid Al Nuaimi, Supreme Council Member and Ruler of Ajman and Chairman of the Board of Trustees of Ajman University. "His

Highness has always urged collaboration and integration among all entities in the emirate of Ajman to help achieve the emirate's strategic plans, and enhance its goals and objectives."

- AU Winter Study Tour Introduces 42 Int'l Students to UAE History, Future

(AU) hosted an interdisciplinary Winter Study Tour, January 3-9, 2020, as a way of introducing international students to the UAE's rich history and future prospects as well as the institution's own legacy of inclusion and innovation. A total of 42 students from eight countries – United States, Germany, Netherlands, Croatia, Singapore, India, Vietnam, and Taiwan – excitedly participated in the program held under the theme "Gateway to Global Hub of Opportunities." On the first day of the program, Chancellor Karim Seghir told the students that AU and the UAE would become their second home. "This is the beginning of a long-lasting relationship," he affirmed. "Welcome to the future."

- Ajman University Hosts Debate on Architectural Education

The Department of Architecture at AU has organized an important seminar on architectural education in the region. The key gathering saw the presence of architecture deans, heads of architectural engineering departments in all universities nationwide, and the UAE Society of Engineers (SOE). In his speech, Eng. Mohammed Mahmood Mashroom, President, SOE, talked about the expected architectural challenges re skills and knowledge. He also focused the impact of the artificial intelligence, robotic and renewable energies, and the engineering curricula during the three-section seminar.

SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Sustainable Development Goal 12:
Responsible Consumption and Production

Ensure sustainable consumption and production patterns.

AU, in line with its commitment and support to SDG 12, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

AU has a total of six research centers and among these, are the Healthy and Sustainable Buildings Research Center (HSBRC), Humanities and Social Sciences Research Center (HSSRC) and Digital Transformation Research Center (DTRC) . These research centers focussed on the areas associated with sustainable and healthy building plan, design and construction; addressing societal issues in the UAE and important societal issues within the Emirati society and other cultural groups globally; and in the areas of digital transformation, respectively.

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 12 is shown below:

AU Scopus Publications and Citations as per SDG 12 Top 100 Keywords

	2016-2020	2017-2021
Scopus Publications	334	576
Citations	1527	1759
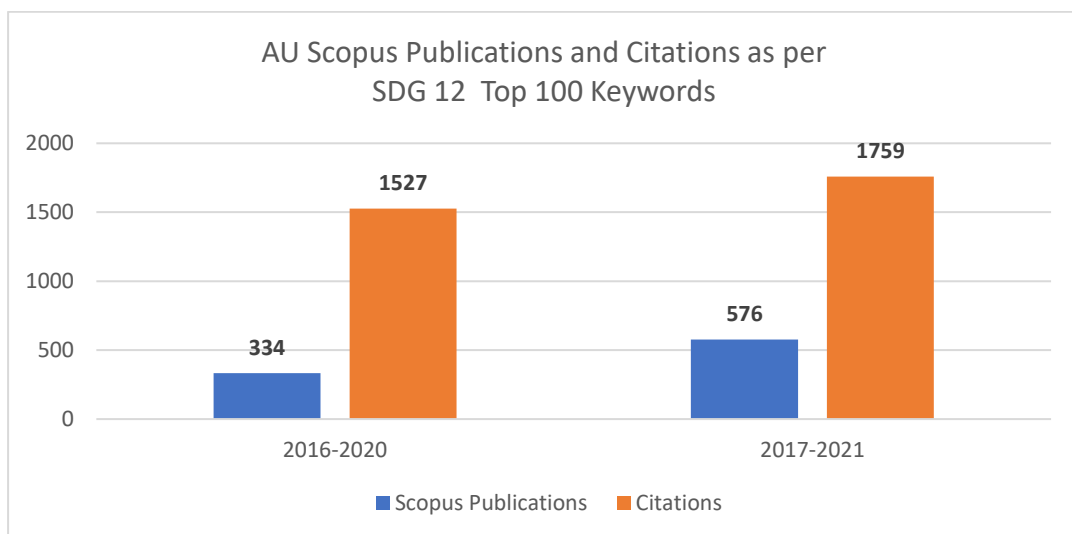
- Machine learning enabled food contamination detection using rfid and internet of things system - This paper presents an approach based on radio frequency identification (RFID) and

machine learning for contamination sensing of food items and drinks such as soft drinks, alcohol, baby formula milk, etc.

- Detection of foodborne pathogens using novel vertical capacitive sensors - Food poisoning, infection of open wounds, and sepsis are the serious clinical consequences that pathogens can cause. Rapid identification of these pathogens allows prompt monitoring of infections, which improves clinical outcomes.

INNOVATION:

- The Plume, a Sustainable Art Installation by AU Student Displayed at Dubai Design Week - Mohammad Mazen, an undergraduate student from the College of Architecture, Art and Design recently participated in a design installation competition specifically designed for Dubai Design Week and was adjudged its winner. The design is inspired by migratory birds which reflect world globalization and the journey of life. Coated metal plates resemble the feathers of the bird. The feathers overlap to form the shape of the wing. The **rods which represent the skeleton of the bird wings are recovered from construction waste** and cut to the desired length and formed to the desired shape. **The bench is made of reused steel plates** to provide structural stability finished with WPC.

- **Ajman University Innovation Center**
  - **Finding Groundwater Startup –** Uses technology for searching groundwater, methods of finding it, and determining the depth on the surface of the earth. Also, it identify the estuaries of water from all directions.
  - **Plant Field Startup** - Uses a technology that extracts salt from soil that greatly harm plants. The principle is the way clean water works after analyzing salt and extracting moisture from it by steaming it using thermal heaters. In this way pure water is generated and harmful salt is extracted from the soil of the delegated agricultural land. Thus, help improve agricultural production.
  - **ZeroCo2 Startup** - Uses a method of extracting potable water and extracting electricity. Through the heater and the use of solar panels and compressors.

- [Medicine Recycling and Reuse System](#) – A website/web app developed by AU students that helps users donate and request medication within their communities, allowing the access to reusable and extra medications, instead of throwing them.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **20** Courses directly covering SDG 12 Responsible Consumption and Production as per the keywords for SDG 12.

OPERATION:

AU fosters the development of initiatives and best practices and continuing efforts that promote sustainability on campus. In particular, the following are examples of initiatives and best practices at AU that support SDG 12:

- Reduce, Reuse, Recycle **-** Campus community members are encouraged to participate in AU's recycling efforts by separating recyclable from non-recyclable materials; and, by placing recyclable materials in appropriately marked containers**.**
- Energy Conservation **-** AU's has continued efforts that reduce energy use on campus.
- Water Conservation - AU is conserving and repurposing water to keep the campus clean as well as green.
- Digitalization **–** AU has adopted digitalization since 2018 to improve the quality of business operations, to reduce cost and to reduce its carbon footprint.
- Energy and Water Utilization Efficiency **-** AU promotes efficiency in the utilization of energy and water. AU has installed the building management system (BMS) in its new buildings and its effort to install the same system to the old buildings is ongoing.
- Sustainable Investment Policy - Ajman University is a socially responsible institution that promotes community engagement, environmental sustainability and global citizenship while supporting the needs and challenges of the local and global community. In line with the University's core values, the Sustainable Investment Policy sets forth the University's approach to sustainable investment, which supports SDG 12.
- AU Environmental Health and Safety Manual – AU has an Office of Environmental Health and Safety the leads the implementation of the EHS Manual that ensures environmental health and safety, including waste management and handling of toxic chemical in the laboratories and clinics.

OUTREACH & PARTNERSHIP:

- AU to host the annual Ajman International Environment Conference by Ajman Municipality Under the patronage of His Highness Sheikh Humaid Bin Rashid Al Nuaimi, Member of the Supreme Council and Ruler of Ajman Municipality and Planning Department-Ajman is pleased to organize Ajman 6th International Environment Conference on "TOWARDS 2071 SHAPING THE FUTURE For Environmental Sustainability"
- **Environmental Sustainability Awareness Session** - AU's Office of Environmental Health and Safety, in support of the Khalifa Award for Education and its initiatives, has invited the AU community to attend a virtual session, titled "Environmental Sustainability.. an Emirati Success Story". This was done to raise awareness of sustainability and to inspire the attendees to contribute to sustainability efforts in the UAE.
- Ajman University Gives Back to the Environment - Ajman University (AU), committed to protect the environment, has organized a clean-up campaign wherein 20 students collected wastes from an area of 10,000 meters, filling 42 trash bags.

Sustainable Development Goal 13:
Climate Action

Take urgent action to combat climate change and its impacts.

AU, in line with its commitment and support to SDG 13, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

[Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields](#)
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. Three of these research centers covers key areas of national and international strategic importance relevant to SDG 11:

1. [Healthy and Sustainable Buildings Research Center (HSBRC)](#)
2. [Digital Transformation Research Center (DTRC)](#)
3. [Humanities and Social Sciences Research Center (HSSRC)](#)

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 13 is shown below:

AU Scopus Publications and Citations as per SDG 13 Top 100 Keywords
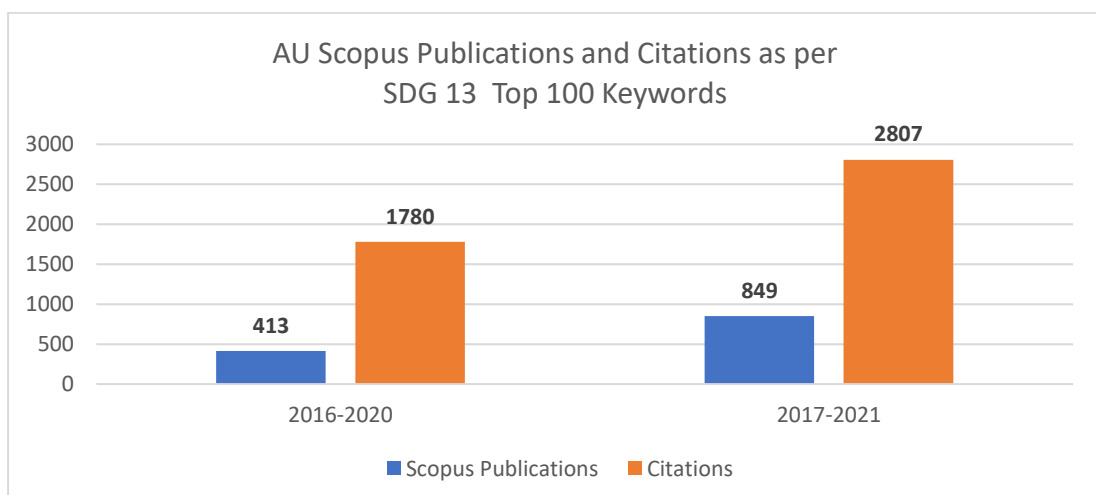
- The impact of passive design strategies on cooling loads of buildings in temperate climate Residential and commercial buildings consume over a third of the world's total energy. The residential sector accounts for most energy use in the Gaza Strip, necessitating the development of feasible energy-saving techniques.
- Evaluating an active low-energy cooling upgrade to the building envelope in the hot climates of the Middle East - Reducing cooling loads in hot countries requires thermal insulation, and cooling methods be improved. Evaporative cooling, although problematic, is one solution that can be explored since it is significantly more efficient than regular compressor air conditioners, and the net result of using one is cooling.
- Improving the IAQ for Learning Efficiency with Indoor Plants in University Classrooms in Ajman, United Arab Emirates - The objective of this paper is to investigate the effect of improving indoor air quality with indoor plants.

INNOVATION:

- **Coolingsolar Panels Startup** - The biggest problem faced by many solar panel users and owners is when the solar panel heats up, it does not give a good amount of electricity. This innovation allows solar panels cool down to reduce heat and produce more and more electricity.
- **ZeroCo2 Startup** – The innovation is a method of extracting potable water and extracting electricity through the heater and the use of solar panels and compressors.
- **e Path Startup -** Portable and convenient system for cars to make the sight clear while driving in bad weather or in dark roads.
- **Finding Groundwater Startup –** Uses technology for searching groundwater, methods of finding it, and determining the depth on the surface of the earth. Also, it identify the estuaries of water from all directions.
- **Plant Field Startup** - Uses a technology that extracts salt from soil that greatly harm plants. The principle is the way clean water works after analyzing salt and extracting moisture from it by steaming it using thermal heaters. In this way pure water is generated and harmful salt is extracted from the soil of the delegated agricultural land. Thus, help improve agricultural production.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **15** Courses directly covering SDG 13 Climate Action as per the keywords for SDG 13.

OPERATION:

Ajman University has an Office of Environmental Health and Safety (OEHS), which has the following primary goals:

1- To raise awareness and competency level in environment, health and safety matters among AU stakeholders
2- External and internal compliance to environment, health and safety standards and requirements
3- Adopt best practices for key environmental sustainability and safety processes to enhance the efficiency and increase the satisfaction of all stakeholders.
4- Provide a safe and environmentally friendly study/ work environment to AU stakeholders

In addition, AU as a whole, fosters the development of initiatives, best practices and continuing efforts that promote sustainability on campus and in serving the community. In particular, the following are examples of initiatives and best practices at AU that support SDG 13:

- **Campus**
    - Energy Conservation
    - Water Conservation
    - Reduce, Reuse, Recycle
    - A Tree to Set Them Free Project
    - Energy and Water Utilization Efficiency
    - Digitalization
    - Sustainable Investment Policy
    - Sustainability Clubs
- **Community**
    - AquaGreen's Sustainable Home
    - Mobile Dental Clinic
    - Carbon Emissions Reduction
- **Classrooms**
    - Smart Classrooms
    - Simulated Labs
    - E-textbooks

OUTREACH & PARTNERSHIP:

- AU to host the annual Ajman International Environment Conference by Ajman Municipality
Under the patronage of His Highness Sheikh Humaid Bin Rashid Al Nuaimi, Member of the Supreme Council and Ruler of Ajman Municipality and Planning Department-Ajman is pleased to organize Ajman 6th International Environment Conference on "TOWARDS 2071 SHAPING THE FUTURE For Environmental Sustainability"
- **Environmental Sustainability Awareness Session** - AU's Office of Environmental Health and Safety, in support of the Khalifa Award for Education and its initiatives, has invited the AU community to attend a virtual session, titled "Environmental Sustainability.. an Emirati Success Story". This was done to raise awareness of sustainability and to inspire the attendees to contribute to sustainability efforts in the UAE.

- [Ajman University Gives Back to the Environment](#)- AU, committed to protect the environment, has organized a clean-up campaign wherein 20 students collected wastes from an area of 10,000 meters, filling 42 trash bags. "The 'Community Cleanup Day' is meant to encourage AU students to volunteer and donate part of their special time to serve our mother earth."

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2017- [Clean-Up Campaign by AU Students](#)
2016- [Clean Ajman Campaign Led by Ajman University](#)
2015- [Students Participate in "Cleaner Ajman" Campaign](#)
2013- [AUST Students Volunteer in Clean Up UAE Campaign](#)
2012- [Ajman University Organizes 'Ajman Beach Cleaning Campaign'](#)

Sustainable Development Goal 14:
Life Below Water

Conserve and sustainably use the oceans, seas and marine resources for sustainable development.

AU, in line with its commitment and support to SDG 14, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH AND INNOVATION:

RESEARCH CENTERS:

AU has a total of six research centers and among these is the Humanities and Social Sciences Research Center (HSSRC), which aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally. HSSRC will provide a distinct climate of comprehensive research opportunities as well as an ability to attract high-quality scientific researchers through partnerships and collaborations. In addition, AU has the Centre of Medical and Bio-allied Health Sciences Research (CMBHSR), which research covers Medical and Bio-allied Health Sciences is contributing to the development of life-changing technologies with significant impact on individuals and communities.

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 14 is shown below:
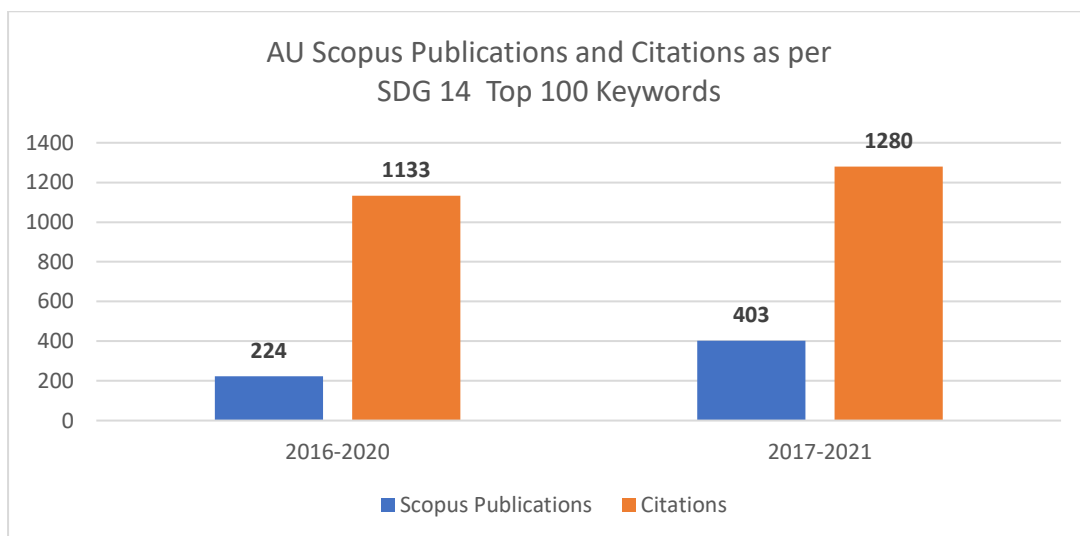
- Analyzing the Users' Satisfaction Levels and Perceptions of the Dubai Water Canal for Future Waterfront Development in UAE - Dubai was developed from Khor Dubai and the city always focuses on the development of waterfront as a public space. The urban waterfront in Dubai is a highly visible public space for recreational activities but also as an urban landscape for placemaking, environmental pollution reduction, and transportation.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **15** Courses directly covering SDG 14 Life Below Water as per the keywords for SDG 14.

OPERATION:

Ajman University has an Office of Environmental Health and Safety (OEHS) and the Office of Community Engagement that collaborate with external community in order to contribute to the initiatives that support the SDG 14.

OUTREACH & PARTNERSHIP:

- AU to host the annual Ajman International Environment Conference by Ajman Municipality Under the patronage of His Highness Sheikh Humaid Bin Rashid Al Nuaimi, Member of the Supreme Council and Ruler of Ajman Municipality and Planning Department-Ajman is pleased to organize Ajman 6th International Environment Conference on "TOWARDS 2071 SHAPING THE FUTURE For Environmental Sustainability"
- **Environmental Sustainability Awareness Session** - AU's Office of Environmental Health and Safety, in support of the Khalifa Award for Education and its initiatives, has invited the AU community to attend a virtual session, titled "Environmental Sustainability.. an Emirati Success Story". This was done to raise awareness of sustainability and to inspire the attendees to contribute to sustainability efforts in the UAE.

- [Ajman University Gives Back to the Environment](#)- AU, committed to protect the environment, has organized a clean-up campaign wherein 20 students collected wastes from an area of 10,000 meters, filling 42 trash bags. "The 'Community Cleanup Day' is meant to encourage AU students to volunteer and donate part of their special time to serve our mother earth."

- **AU Previous Activities Relevant to SDG 14**
  2017- [Clean-Up Campaign by AU Students](#)
  2016- [Clean Ajman Campaign Led by Ajman University](#)
  2015- [Students Participate in "Cleaner Ajman" Campaign](#)
  2015- [Ajman University participates in the Third International Conference on Water, Energy and Environment in the American University of Sharjah](#)

2015- Ajman University signed Memorandum of Cooperation with Municipality and Planning Department- Ajman- Coastal Research

2015- Ajman University Represented at Mediterranean Green Forum

2014- Water Map for the Emirates of Ajman

2013- AUST Students Volunteer in Clean Up UAE Campaign

2012- Ajman University Organizes 'Ajman Beach Cleaning Campaign'

2011- AUST Students Visit Sharjah Aquarium

- College of Law students launch "dispense with me" initiative

  The initiative aims to urge the public to abandon the use of plastic because of its risks to the environment in general, and to the marine environment in particular. The students made public awareness of the damage and risks of plastic bags, explaining the need to switch to other health and environmentally safer alternatives such as paper bags, multi-use bags and biodegradable bags as sustainable and environmentally friendly bags.

Sustainable Development Goal 15:
Life on Land

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

AU, in line with its commitment and support to SDG 15, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION:

RESEARCH CENTERS:

Ajman University launches 6 new research centers to enhance research in emerging Hi-Tech fields
The aim of AU Research Centers is to provide real world solutions and educational training in new emerging fields that would contribute to new developments in these fields and creation of new talent. The AU Research Centers act as a vital link to other regional/international centers, apart from providing unique training opportunities for next-gen researchers and serving as a valuable information source for the community at large. Three of these research centers covers key areas of national and international strategic importance relevant to SDG 11:
1. Healthy and Sustainable Buildings Research Center (HSBRC)
2. Digital Transformation Research Center (DTRC)
3. Humanities and Social Sciences Research Center (HSSRC)

RESEARCH:

AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 15 is shown below:

INNOVATION:

Ajman University Innovation Center

- **Finding Groundwater Startup –** Uses technology for searching groundwater, methods of finding it, and determining the depth on the surface of the earth. Also, it identify the estuaries of water from all directions.
- **Plant Field Startup** - Uses a technology that extracts salt from soil that greatly harm plants. The principle is the way clean water works after analyzing salt and extracting moisture from it by steaming it using thermal heaters. In this way pure water is generated and harmful salt is extracted from the soil of the delegated agricultural land. Thus, help improve agricultural production.
- **ZeroCo2 Startup –** The innovation is a method of extracting potable water and extracting electricity through the heater and the use of solar panels and compressors.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **19** Courses directly covering SDG 15 Life on Land as per the keywords for SDG 15.

OPERATION:

Ajman University has an Office of Environmental Health and Safety (OEHS) and the Office of Community Engagement that collaborate with external community in order to contribute to the initiatives that support the SDG 15.

AU fosters the development of initiatives, best practices and continuing efforts that promote sustainability on campus and in serving the community. In particular, the following are examples of initiatives and best practices at AU that support SDG 15:

- **Campus**
    - Energy Conservation
    - Water Conservation
    - Reduce, Reuse, Recycle
    - A Tree to Set Them Free Project
    - Energy and Water Utilization Efficiency
    - Digitalization
    - Sustainable Investment Policy
    - Sustainability Clubs
- **Community**
    - AquaGreen's Sustainable Home
    - Carbon Emissions Reduction

- **Classrooms**
    - Smart Classrooms
    - Simulated Labs
    - E-textbooks

OUTREACH & PARTNERSHIP:

- **Environmental Sustainability Awareness Session** - AU's Office of Environmental Health and Safety, in support of the Khalifa Award for Education and its initiatives, has invited the AU community to attend a virtual session, titled "Environmental Sustainability.. an Emirati Success Story". This was done to raise awareness of sustainability and to inspire the attendees to contribute to sustainability efforts in the UAE.

- AU in partnership with the Telecommunications Regulatory Authority (TRA) has hosted UAE Hackathon, which reflects the efforts to disseminate the culture of digital transformation in the country. The UAE Hackathon 2019 aims to contribute to the development of applications and solutions related to food and natural resources, help the government to secure food and sustain resources.

- In collaboration with Community Police Ajman and Ajman Municipality. AU has organized a lecture entitled "Agriculture in the United Arab Emirates" on occasion of "the World Agriculture Day". It was presented by Mr. Ahmed Al Muhairi. A large number of students, faculty members of the College and members of Community Police Ajman attended the lecture.

- College of Law students launch "dispense with me" initiative
    The initiative aims to urge the public to abandon the use of plastic because of its risks to the environment in general, and to the marine environment in particular. The students made public awareness of the damage and risks of plastic bags, explaining the need to switch to

other health and environmentally safer alternatives such as paper bags, multi-use bags and biodegradable bags as sustainable and environmentally friendly bags.

- Previous Activities Relevant to SDG 15
  2017 -   AU celebrates Arab Agriculture Day with Ajman Police

2017 - AU Scouts participate Al Marmoom Scout Camp

Mr. Salim Derbas, the supervisor of student activities at the Deanship of Student Affairs said, that the participation of our university students in this important event give them a new experience and has provided them with the opportunity to practice the environmental activities and to discover the nature and biodiversity in the UAE.

2017 - Plantation Week Marked at AU

AU marked the plantation week on campus, by planting a tree. Chancellor Seghir planted a tree on campus and encouraged others to join this noble initiative. Dr. Abdul Haq Al Nuaimi, Vice Chancellor for Advancement and Communication, Dr. Mohammed Nasor, Interim Vice-Chancellor for Academic Affairs and Mr. Rabi Al Khofash, Chief Operating Officer joined the initiative as well.

2016 - Sheikh Rashid Al Nuaimi Honors the Winners at Ajman Agriculture Award

His Highness Sheikh Rashid bin Humaid Al Nuaimi, Chairman of Municipality and Planning Department in Ajman honored students from the Faculty of Engineering at Ajman University for their participation at the 8th Ajman Award for Agriculture. The event was held at the Cultural Centre in Ajman under the auspices of Ministry of Culture and Knowledge Development. The students were bestowed certificates and memento trophies for their innovative projects.

- Ajman University Develops Awareness on Animal Welfare

  Ajman University (AU) has organized a visit for 20 of its students - from all colleges, to the 'Cloud 9 Pet Hotel', to raise and develop their awareness on animal welfare. The visit, assumed by the Unit of Community Service, is part of Ajman University passion to enlighten the students about endangered species, animal welfare and the preservation of livestock against environmental imbalance.

Sustainable Development Goal 16:
Peace, Justice and Strong Institutions

Access to justice for all, and building effective, accountable institutions at all levels.

AU, in line with its commitment and support to SDG 16, has undertaken initiatives, actions, collaborations and partnerships with the external community and reports the following data:

RESEARCH & INNOVATION

RESEARCH CENTER:
AU has a total of six research centers and among these is the Humanities and Social Sciences Research Center (HSSRC) which aims to organize major research projects and study important societal issues within the Emirati society and other cultural groups globally. HSSRC will provide a distinct climate of comprehensive research opportunities as well as an ability to attract high-quality scientific researchers through partnerships and collaborations.

RESEARCH:

- AU's Scopus research publications and citations using the SDG top 100 keywords search for SDG 16 is shown below:

AU Scopus Publications and Citations as per SDG 16 Top 100 Keywords

	2016-2020	2017-2021
Scopus Publications	204	415
Citations	535	837
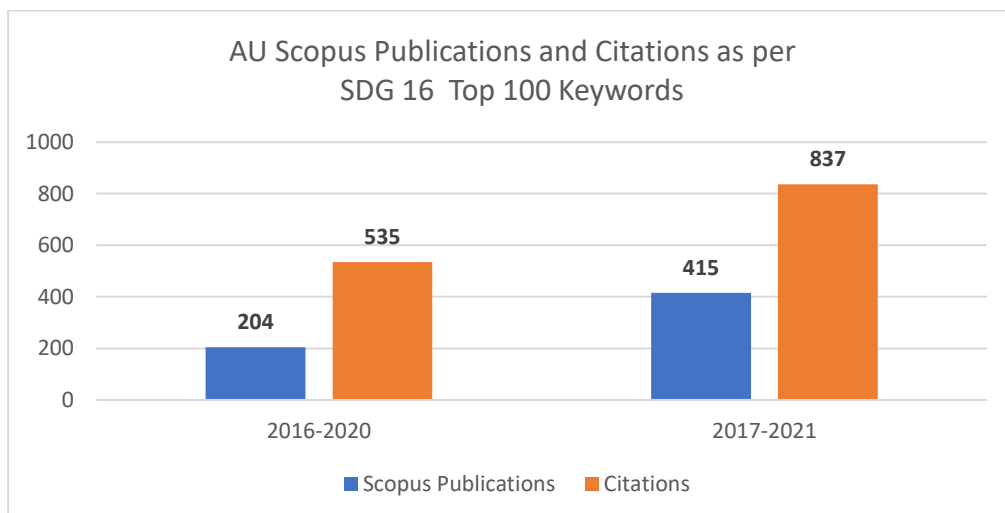
- Sharia Law - The first legal formulation of Islamic jurisprudence
- The Price in French Contract Law After the 2016 Reform
- A libertanian critique of incest laws: Philosophical and anthropological perspectives

INNOVATION:

Ajman University Innovation Center

- **Fair Justice Startup -** Fair Justice is a global project that with the help of digital technology aims to make justice truly blind, thus ensuring the most fundamental principle of any legal proceedings-impartiality.

TEACHING:

- **22** Undergraduate programs have sustainability as one of the mandatory topics to be covered within a variety of General Education courses as required by the UAE Ministry of Education.
- **14** Graduate Programs address the SDGs. These are focused on innovation; excellence and lifelong learning; sustainability; and in-depth knowledge in leadership and strategic and operational solutions to challenges in various fields, including education, corporate, engineering and data science, architecture and design, healthcare, legal- private and public law.
- **7** Courses directly covering SDG 15 Peace, Justice and Strong Institutions as per the keywords for SDG 16.

OPERATIONS:

Policies – AU has established the following policies that ensures equality, inclusiveness, and promotes diversity.

- Non-Discrimination Policy (excerpt) - "Ajman University does not discriminate on the basis of nationality, sex, age, religious belief, race, color, or marital status".
- Policy on Diversity and Inclusivity (excerpt) -" Ajman University embraces shared governance and tolerance, promotes diversity and recognizes its responsibility to foster an open, welcoming environment where multicultural students, faculty and staff can collaboratively learn, work, serve and engage with the external community".

Counseling Unit- AU's Counseling Unit offers services to help the AU community in understanding and to obtain insight into any difficulties experienced, to develop emotional resilience and put into effect real change, enabling your academic and personal potential to flourish. The Service offers free and confidential support, but it is not an emergency service.

OUTREACH & PARTNERSHIP:

- A student from the Faculty of Law at Ajman University wins the first place for the best defendant in the student commercial arbitration competition - A team of students from the Faculty of Law at Ajman University participated in the Student Commercial Arbitration Competition (SCCA) Arabic Moot – Gulf Edition – which is organized by the Saudi Center for Commercial Arbitration during the period from October 2020 to April 2021 and in which 54 teams from 36 universities across the Gulf Cooperation Council (GCC) competed, in partnership with the **United Nations Commission on International Trade Law (UNCITRAL)** and the Commercial Law Development Program of the US Department of Commerce (CLDP).
- Ajman University Wins First and Second Rashid Bin Humaid Award for Culture - Two brilliant academics of Ajman University had won this year's 'Rashid Bin Humaid Award for Culture and Sciences' in the United Arab Emirates. Both AU faculty were among the winners of the 38th edition of the Sheikh Rashid Bin Humaid Award for Culture and Sciences, GCC level. Dr. Hosni

Mahmoud Abdel-Dayem Abdel-Samad, an Associate Professor at the College of Law, earned the **first position in the field of Sharia law and legal studies**. As for Lecturer Walaa Elsayed, Assistant Professor at the College of Humanities and Science, she won the **second position in social studies scientific research for her research: "The reality of domestic violence against women after the Pandemic COVID-19"**. The honored Ajman University academics were among 243 participants His Highness has awarded in recognition of their efforts to enrich the Arab culture, research, and scientific studies.

- **Dubai Courts and AU MoU Activation**
    - College of Law students training provided by Dubai Courts
    - AU hosted Intellectual Property Training Workshop
- **Ajman Courts and AU MoU Activation**
    - Internship Program for AU Students
    - College of Law students training
- **Ajman Police and AU MoU Activation**
    - AU's Office of Community Engagement organized a webinar in collaboration with Ajman Police and the College of Law, four students of the college presented this workshop and in cooperation with Khalifa Empowerment Program – Aqdar, on Monday 11/29/2021 at 8:00 pm, 126 persons attended this webinar.
    - AU Deanship of Students Affairs in coordination with Ajman Police has organized several trips for students to the **Dubai Expo** 6 & 27/11/2021 to 29 & 31 /3/2022 to promote learning of the UN SDGs.

- **Ajman Municipality & Planning Department and AU MoU Activation**
    - Internship Program for AU Students
    - AU provided scholarships for Ajman MPD employees:
        - 97 scholarships (100%)
        - 12 scholarships (50%)
        - 2 scholarships (20%)
    - AU College of Law provided an Intellectual Property Training Workshop
- AU Delegation Wins Highest Awards at AUSMUN 2020

A delegation of five students from Ajman University participated in the American University of Sharjah Model United Nations 2020 (AUSMUN) conference which lasted for three days: February, 13–15, 2020 and attracted over 1400 delegates. It is a simulation of the UN system, where students act as ambassadors of their respective countries and participate in debates on issues of concern to those countries on the UN agenda. Two of the 5 participating AU students received an award. Syed Abdulrahman, College of Business, who won 'The Best Judge Award' for debating in the ICJ the issues of 'the situation in Kashmir; the possible formation of a demilitarized zone' and 'the situation in Colombia; genocide of indigenous people' and Warda Farooq, College of Dentistry, won 'The Outstanding Delegate Award' for debating in the SC the issues of 'Russian annexation of Crimea (Russia Vs. Ukraine) and 'the dispute regarding Jammu and Kashmir (Pakistan Vs. India).

- **Ajman University Now Offers More Scholarships and Discounts**
  Ajman University, in support to its strategic partners, offers 20% scholarships to the employees of local and federal departments in the Emirate of Ajman in most undergraduate and graduate majors (Masters and PhDs). The Ajman Ruler's Court further offers scholarships up to 100%. However, all scholarships and discounts are subject to the University's rules and regulations.

- **Ajman University Warns against Cyberbullying**
  Dr Bin Saleem said one in three or more students, aging 12 to 15, suffers regular bullying worldwide. "In 2017, 70 per cent of the children were cyberbullied in Malaysia, while the rate increased in Europe from 10 per cent in 2010 to 12 per cent in 2014." Dr Abdulhaq Al-Nuaimi, Vice-Chancellor for Communication and Community Affairs, said cyberbullying has become one of the big concerns to all schools, parents, and students. "It is the responsibility of all entities to enlighten the public about the hazards of this phenomenon and come up with the right solutions."

- **MoU between ajman university and the emirates association of lawyers and jurists**
  Dr Karim Seghir stressed that the signing of the memorandum of understanding comes from the UAE's Vision to fully empower national human resources armed with knowledge and creativity to build a competitive and impregnable economy, and to emphasize the importance of strategic partnerships between various government and private agencies and the need to

integrate their strategic initiatives and programs to achieve common goals in terms of national human resources development and cooperation to improve legal work in accordance with the federal and local strategic plan.

- AU signs MoU with Central Legal Affairs of Ajman Government
  The MoU was signed by Dr Karim Seghir, Chancellor of AU, and on Central Legal Affairs H.E. Abdul Rahman Ali Al Shamsi, Director General. The MoU provides for the exchange of knowledge, experience and cooperation at all levels between the two sides through field and academic training in accordance with the common needs and disciplines related to the development of skills and functional abilities and according to specialized training programs, in addition to participating in events, activities, conferences, seminars and lectures to be implemented by both sides, and strengthening each party's cooperation with strategic partners of the other side as well as sharing experiences in the field of community services.

Sustainable Development Goal 17:
Partnerships for the Goals

Strengthen the means of implementation and revitalize the global partnership for sustainable development.

AU in line with its commitment and support to SDG 17 has undertaken collaborations and partnerships with the external community, and reports the following data relevant to the SDGs addressed in the collaborations that took place in AY 2020-2021.

1. **103** MoUs with International Partners – **SDGs 1-16**
2. **15** MoUs Student Training Partner Organizations – **SDGs 1, 3, 4, 8, and 10**
3. **32** MoUs Partner Schools – **SDGs 1, 3, 4, 8, 10 and 16**
4. **56** MoUs Corporate Partners - **SDGs 1-16**
5. Office of Community Engagement | Unit of Community Service – 2020-2021 – **SDGs 1, 2, 3, 4, 5, 8, and 16**
6. Ajman University Innovation Center International MoUs – **SDGs 1-16**
   - GCCEI (South Korea),
   - N15 (South Korea),
   - ULALA LAB – WIM Factory (South Korea)
   - University of Latvia (LU),
   - Riga Technical University (RTU),
   - Institute of Electronics and Computer Engineering (EDI), 4
   - Riga IT Demo Center

7. **INTERNATIONAL PARTNERS**
   - Ajman University the first to receive Microsoft AI for Health Research Grant in the UAE - **SDGs 3, 4, 8, 9 and 10**
   - **Study Portals –** recruitment platform of international students – **SDGs 4, 8, 10 and 16**
     o AU publishes its programs' information, admission requirements and scholarships and financial aid in the platform to attract international students. Also, the platform data can be used for benchmarking analysis.

- **Winter Study Tours - SDG 4, 8, 10, and 11**
    1. Chung Hua University
    2. EPITA - School of Engineering and Computer Science
    3. Hochschule Darmstadt
    4. Manipal University Jaipur
    5. O. P. Jindal Global University
    6. Saveetha Institute of Science and Technology
    7. The Hague University of Applied Sciences (THUAS)
    8. Zagreb School of Economics & Management (ZSEM)

- **NATIONAL PARTNERS**
  1. AU Agreement with Thumbay Labs - **SDG 3**

2. AU Agreement with Center for Advanced Simulation in Healthcare (CASH) of Medical University - **SDG 3**
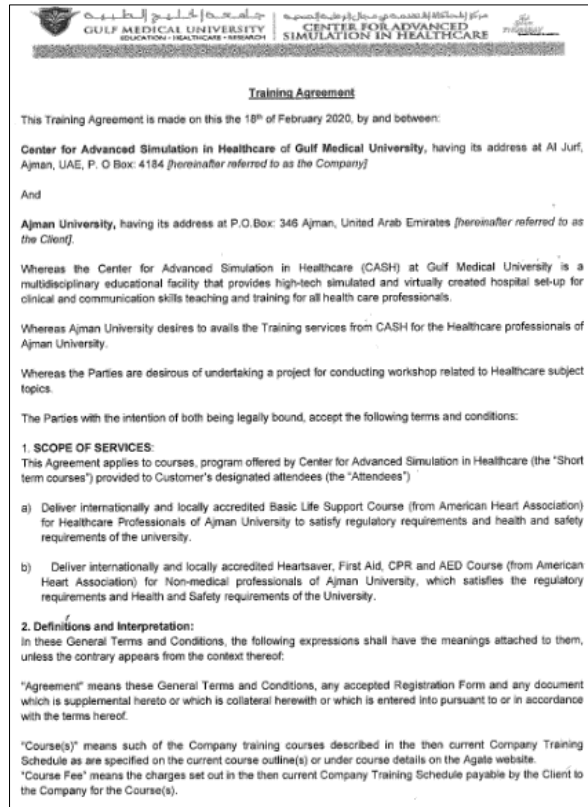
3. AU Contract with Amina Hospital – AU Discounts on services provided at Anglo Arabian Healthcare entities - **SDG 3**

4. **SDGs 1, 4, 8, 10 and 16**

- [Al Maktoum Foundation ties-up with Ajman University to Help Underprivileged Students](#)
  Ajman University (AU) has signed a Memorandum of Understanding (MoU) with Al Maktoum Foundation to further enhance its support to underprivileged students who are unable to continue their education due to financial barriers.

- [Ajman University joins Ajman's Citizens Affairs Office to support Emirati students with special scholarships and discounts – Year 2021](#)
  AU and Ajman's Citizens Affairs Office have signed a Memorandum of Understanding (MOU) to support Emirati students with scholarships and a variety of program discounts. The MOU is designed to promote the exchange of experiences and discoveries in scientific research, and to share the practical and professional capabilities and procedures of the two organizations.

- [Ajman University and Al Ajmani Charity Foundation to Launch Two New Endowed Scholarships for Underprivileged Students- Year 2021](#)
  On April 7, 2021, Ajman University and Al Ajmani Charity Foundation have joined hands to endow two new scholarships aimed at supporting the education of underprivileged students at AU.

- [Ajman University Signs MOU with DGCX to Develop Future Talent – Year 2021](#)
  AU has partnered with The Dubai Gold and Commodities Exchange (DGCX) to embark on a strategic collaboration that will enable the exchange of expertise as well as foster the development of professionals across the financial sector.

5. MOU Between AU and General Directorate of Residency and Foreigners Affairs MOU Activation - **SDGs 1, 4, 8, 9, 10, 11 and 14**
- 8 scholarships (50%) offered by AU to GDRFA staff
- Students training provided by GDRFA

6. General Directorate of Civil Defence of Ajman and AU MoU activation - **SDGs 1, 4, 8, 9, 10, 11 and 14**

The AU Innovation Center hosted the following workshops:
 AI & Innovation Workshop 21/12/2021
 AI & Innovation Workshop 05/12/2021
AU Students Training was provided by GDCD of Ajman

7. MOU Between AU and Khalifa Bin Zayed Foundation - AU provided some of their employees with scholarships - **SDG 1, 4, 8 and 10**
   - 12 scholarships (25%)
   - 79 scholarships (40%)
   - 55 scholarships (55%)

8. Humaid Bin Rashid Al Nuaimi Foundation - AU provided 2 scholarships (100%) to their employees - **SDG 1, 4, 8 and 10**

9. Memorandum of Agreement (MOA) Between AU and Esa'd Card – AU provided discounts to Esa'd Cardholders - **SDG 1, 4, 8 and 10**

10. Makateb - Offering Affordable 6-months workspace for AU startups - **SDGs 1, 4, 8, 9, 10, 11 and 14**
11. KOTRA Dubai - Affordable Workspaces in Dubai for our startups - **SDGs 1, 4, 8, 9, 10, 11 and 14**
12. Fast Building Contracting Company supports Innovation Projects of our startups
13. MOU Between AU and Makateb - **SDGs 1, 4, 8, 9, 10, 11 and 14**

14. MOU Between AU and American University in Dubai - **SDGs 4 and 10**
- Inter-library loan of printed books between the two libraries.
- Site visit to AUD Library
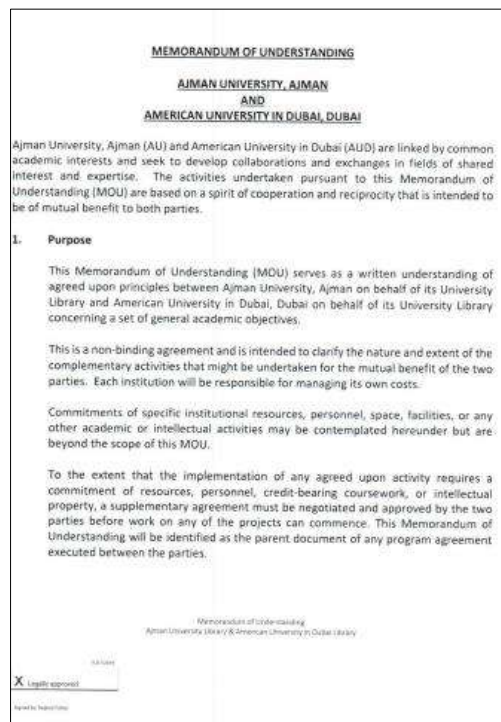
15. MOU Between AU and Ajman Police – **SDGs 1-16**

- AU's Office of Community Engagement organized a webinar in collaboration with Ajman Police and the College of Law, four students of the college presented this workshop and in cooperation with Khalifa Empowerment Program – Aqdar, on Monday 11/29/2021 at 8:00 pm, 126 persons attended this webinar.
- AU Deanship of Students Affairs in coordination with Ajman Police has organized several trips for students to the **Dubai Expo** 6 & 27/11/2021 to 29 & 31 /3/2022 to promote learning of the UN SDGs.

16. **AU Participation on Heritage Relevant Events - SDGs 9, 10 and 11**
- Ajman University Students participate in the first edition of the "Al MURABBAA Art Festival"
The College of Architecture Art and Design students took part in the first edition of the "Al MURABBAA Art Festival" showcasing the Al SADU collection at Ajman Heritage District from the 28th of October to the 6th of November. During the event, students from the department of Interior Design took a workshop with renowned Italian designer "Simone Micheli, and the first three winners will be receiving training at Simone Micheli's Interior Design Firm in Milan.

- Ajman University Students participate in the P&T Architectural Student Competition Awards
Sara Seif Aldeen and Maryem Altahan, students from the College of Architecture Art and Design at Ajman University, were nominated as one of the best 10 projects out of 120 projects

in P&T Architectural Student Competition Awards, and they were given Honourable certificates.

17. Ajman Society of Social and Cultural Development MoU AU Activation
    o College of Mass Communication - Students Training
    o Career Services - 3 students training
    o College of Humanities and Sciences events + exhibitions during 2021-2022
18. International Council of Museums (ICOM) and AU MoU Activation
    o AU Architecture Department - has an ICOM representative as a member of the Department Advisory Board
    o Organizing shared activities
    o Several instructors are members of the council

19. MOU Between AU and Thamer Fund - Thamer Fund donated 200,000 AED to AU - **SDG 1, 4, 8, and 10**

20. Sharjah Entrepreneurship Center – Sheraa – AU Student competed and won in the Hackathon 2021- **SDG 5, 8, 9, 10 and 11**

[CBA Student Wins Second Place in Sheraa Hackathon](#) - AU has participated the Sheraa Hackathon 2021 that focused on creating Entrepreneurial ideas to achieve SDGs. AU's CBA student, Karen Saad Zakaria won Second Place with her project on Cyber Security, targeting the **SDGs of Industry, Innovation and Infrastructure, Decent Work and Economic Growth, and Reduced Inequalities.**

21. MOU Between AU and Ajman Court - AU provided some of their employees with scholarships - **SDGs 4, 8, 10 and 16**

Ajman Courts and AU MoU Activation
  o   Internship Program for AU Students
  o   College of Law students training

22. MOU Between AU and Municipality and Planning Department - **SDGs 1, 4, 8, 10 and 16**

Ajman Municipality & Planning Department MoU Activation

- o Internship Program for AU Students
- o Scholarships for Ajman MPD employees:
  - 97 scholarships (100%)
  - 12 scholarships (50%)
  - 2 scholarships (20%)
- o AU College of Law provided an Intellectual Property Training Workshop

23. MOU Between AU Ajman Sport Club (ASC) – AU Student Affairs used ASC's sport facilities for AU table tennis team practice - **SDGs 3 and 10**

24. MOU Between AU and Pharma Global (PG) - **SDG 3, 4, and 10**

AU Center for Continuing Education and Enterprises (CCEE) delivered a joint Program Course in Pharmacy, Pharmacy Management course on 13 NOV 2021.
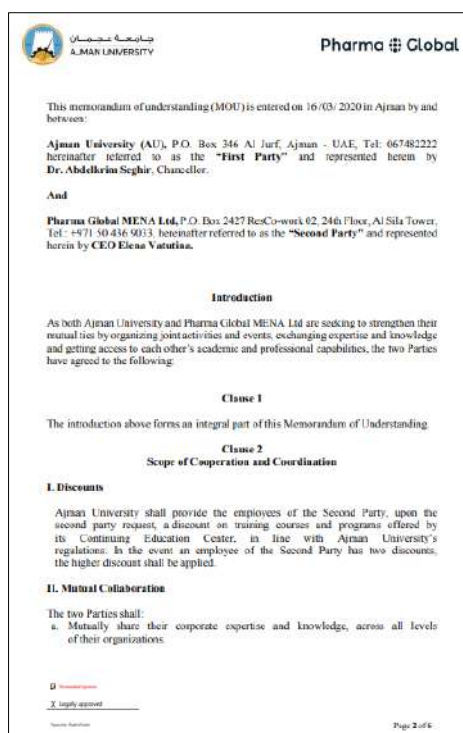
25. **Partnerships for AU Student Training** - SDG 3, 4, 8 and 10

MOU Partners	No. of College of Pharmacy Students Trained (Spring 2020-2021 and Fall 2021/2022)
Ajman speciality hospital-Ajman	35
Al Madina Al Jadeda Pharmacy-Ajman	20
AlAbeer Pharmacy-Shj	4
AlDawaa And AlJamal pharmacy-Shj	3
AlHikma pharmacy	15
AlMadina AlMonawara pharmacy	23
AlMadina Pharmacy-Ajm	4
AlSeha & AlJamal Pharmacy-Shj	4
Amina Hospital/ Ajman	27
Ansar pharmacy-Ajm	10
Bait AlHikma pharmacy-Shj	4
Bait AlMaqdis pharmacy-Fujairah	1
Balsam pharmacy-Fujairah	1
Danat Al Emarat Hospital/Abudhabi	4
Danat AlSharq pharmacy-Shj	3

Dar AlWafaa pharmacy-Shj	2
Dr. Suliman Al habib Hospital/Dubai	6
Emirates International Medical Center - Sharjah	15
Emmirates Europian Hospital/Shj	6
GMU Hospital	50
Irani Hospital-Dubai	13
May pharmacy-Shj	4
Nermin pharmacy-Shj	4
New Doaa Pharmacy -Ajm	8
Orchid Pharmacy-Shj	4
Saudi Germany Hospital	40
SKMC/ Ajman	9
SKMCA	12
Solaiman Al Habib Hospital-Dubai	7
Total	**338**

Sample MOUs Excerpts:

This Contract ("Agreement") is made by and between AJMAN UNIVERSITY, P.O.Box: 346 Ajman, United Arab Emirates ("AU" or "First Party"), AL MADINA PHARMACY, P.O.Box: 4217 Ajman, United Arab Emirates ("Second Party") (each a "Party" and collectively the "Parties").

WHEREAS **Ajman University** (First Party) aims at promoting academic and professional cooperation for training its pharmacy students; and

WHEREAS it strongly believes that progress and development could only be achieved through bridging the gap between academia and industry, serving the needs of the community and helping students attain their highest experience and efficiency levels and equipping them with the suitable qualifications for assuming their roles as part of the healthcare delivery system;

And WHEREAS **Al Madina Pharmacy** (Second Party) is one of the pharmaceutical and healthcare companies in the UAE, committed to improving the quality of human life by enabling people to do more, feel better and live longer.

NOW THEREFORE, in consideration of the mutual covenants and representations set forth below, the Parties agree as follows:

(1)

The introduction above forms an integral part of this contract.

(2)

The Second Party agrees to receive male and female students of the First Party for training in the Pharmacy's facilities as well as in the field of clinical pharmacy, and to provide students with access to medical records under the supervision of the pharmacists in charge.

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This Contract ("Agreement") is made by and between AJMAN UNIVERSITY, P.O.Box: 346 Ajman, United Arab Emirates ("AU" or "First Party"), AL MANARA PHARMACY, P.O.Box: 3084 Ajman, United Arab Emirates ("Second Party") (each a "Party" and collectively the "Parties").

WHEREAS **Ajman University** (First Party) aims at promoting academic and professional cooperation for training its pharmacy students;

WHEREAS it strongly believes that progress and development could only be achieved through bridging the gap between academia and industry, serving the needs of the community and helping students attain their highest experience and efficiency levels and equipping them with the suitable qualifications for assuming their roles as part of the healthcare delivery system;

And WHEREAS **Al Manara Pharmacy** (Second Party) is one of the pharmaceutical and healthcare companies in the UAE, committed to improving the quality of human life by enabling people to do more, feel better and live longer.

NOW THEREFORE, in consideration of the mutual covenants and representations set forth below, the Parties agree as follows:

(1)

The introduction above forms an integral part of this contract.

(2)

The Second Party agrees to receive male and female students of the First Party for training in the Pharmacy's facilities as well as in the field of clinical pharmacy, and

Page 2 of 9

This Contract ("Agreement") is made by and between AJMAN UNIVERSITY, P.O. Box: 346 Ajman, United Arab Emirates ("AU" or "First Party"), and AJMAN SPECIALTY HOSPITAL, P.O. Box: B3333 Ajman ("Second Party") (each a "Party" and collectively the "Parties").

WHEREAS **Ajman University** (First Party) aims at promoting academic and professional cooperation for training its pharmacy students; and

WHEREAS it strongly believes that progress and development could only be achieved through bridging the gap between academia and industry, serving the needs of the community and helping students attain their highest experience and efficiency levels and equipping them with the suitable qualifications for assuming their roles as part of the healthcare delivery system;

And WHEREAS **Ajman Specialty Hospital** (Second Party) is the first hospital in Ajman.

NOW THEREFORE, in consideration of the mutual covenants and representations set forth below, the Parties agree as follows:

(1)

The introduction above forms an integral part of this contract.

(2)

The Second Party agrees to receive male and female students of the First Party for training in the Hospital's facilities as well as in the field of clinical pharmacy, and to provide students with access to medical records. This shall be done under the supervision of the Hospital's pharmacists.

Page 2 of 9

This Contract ("Agreement") is made by and between AJMAN UNIVERSITY, P.O. Box: 346 Ajman, United Arab Emirates ("AU" or "First Party"), and IRANIAN HOSPITAL, P.O.Box: 2330 Dubai, United Arab Emirates ("Second Party") (each a "Party" and collectively the "Parties").

WHEREAS **Ajman University** (First Party) aims at promoting academic and professional cooperation for training its pharmacy students; and

WHEREAS it strongly believes that progress and development could only be achieved through bridging the gap between academia and industry, serving the needs of the community and helping students attain their highest experience and efficiency levels and equipping them with the suitable qualifications for assuming their roles as part of the healthcare delivery system;

And WHEREAS (Second Party) is **IRANIAN HOSPITAL** in Dubai offers a wide range of medical services including all kind of specialties, sub - specialties and critical care with the highest international standards.

NOW THEREFORE, in consideration of the mutual covenants and representations set forth below, the Parties agree as follows:

(1)

The introduction above forms an integral part of this contract.

(2)

The Second Party agrees to receive male and female students of the First Party for observership in the Hospital's facilities as well as in the field of clinical pharmacy, and to provide students with access to medical wards and patients records. This

Page 2 of 10

This Contract ("Agreement") is made by and between AJMAN UNIVERSITY, P.O.Box: 346 Ajman, United Arab Emirates ("AU" or "First Party"), and NOUR AL-SHIFA PHARMACY, Sharjah, United Arab Emirates (Second Party) (each a "Party" and collectively the "Parties").

WHEREAS **Ajman University** (First Party) aims at promoting academic and professional cooperation for training its pharmacy students; and

WHEREAS it strongly believes that progress and development could only be achieved through bridging the gap between academia and industry, serving the needs of the community and helping students attain their highest experience and efficiency levels and equipping them with the suitable qualifications for assuming their roles as part of the healthcare delivery system;

And WHEREAS **NOUR AL-SHIFA PHARMACY** (Second Party) is one of the pharmaceutical and healthcare companies in the UAE, committed to improving the quality of human life by enabling people to do more, feel better and live longer.

NOW THEREFORE, in consideration of the mutual covenants and representations set forth below, the Parties agree as follows:

(1)

The introduction above forms an integral part of this contract.

(2)

The Second Party agrees to receive male and female students of the First Party for training in the Hospital's facilities as well as in the field of clinical pharmacy, and to provide students with access to medical records under the supervision of the Hospital's pharmacists.

(3)

The training shall be conformed to a plan prepared by AU College of Pharmacy and Health Sciences in coordinating with the senior pharmacist or pharmacist in charge at the hospital, taking into account the facilities of the hospital, the number of students, and the appropriate time for training, so that the normal course of work at the hospital may not be affected.

(4)

The trainee students shall abide by the Second Party's internal laws and regulations in terms of punctuality, performance, confidentiality, dress code (the white coat), and keeping to their posts during the training and attendance. They will be supervised by the Second Party.

(5)

The training time shall be considered as credit hours for the students and therefore attendance and absence shall be registered in a special book to be completed by faculty members of the first party.

Page 2 of 6

This Contract ("Agreement") is made by and between AJMAN UNIVERSITY, P.O.Box: 346 Ajman, United Arab Emirates ("AU" or "First Party"), DAR ALWAFA PHARMACY, P.O. Box: 61005 Sharjah, United Arab Emirates ("Second Party") (each a "Party" and collectively the "Parties").

WHEREAS **Ajman University** (First Party) aims at promoting academic and professional cooperation for training its pharmacy students; and

WHEREAS it strongly believes that progress and development could only be achieved through bridging the gap between academia and industry, serving the needs of the community and helping students attain their highest experience and efficiency levels and equipping them with the suitable qualifications for assuming their roles as part of the healthcare delivery system;

And WHEREAS **Dar Alwafa Pharmacy** (Second Party) is one of the pharmaceutical and healthcare companies in the UAE, committed to improving the quality of human life by enabling people to do more, feel better and live longer.

NOW THEREFORE, in consideration of the mutual covenants and representations set forth below, the Parties agree as follows:

(1)

The introduction above forms an integral part of this contract.

(2)

The Second Party agrees to receive male and female students of the First Party for training in the Pharmacy's facilities as well as in the field of clinical pharmacy, and to provide students with access to medical records under the supervision of the pharmacists in charge.

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