The 28th Conference of the Parties of the United Nations Framework Convention on Climate Change (COP28) was a pivotal moment in the global effort to combat climate change. As the host nation, the United Arab Emirates has taken a leading role in mobilizing action towards a sustainable future. We are proud to report to you that Abu Dhabi Polytechnic has been actively engaged in various initiatives to promote staff and students’ participation and sustainability awareness in the lead-up to COP28.

ADPoly is a member of the Universities Climate Network (UCN), a network of universities committed to driving engagement among youth and academia in addressing climate change in COP28. The chair of the UCN committee Prof. Mufeed Batarseh said that ADPoly was among the first members of the UCN in UAE and ADPoly recognizes the importance of sustainability through integration of sustainability, energy transformation and decarbonization aspects into its academic programs.
ADPOLY ENGAGES IN COP28 INITIATIVES (CONT.)

curriculum, research activities, students’ graduation projects and campus operations. The institution has established a dedicated sustainability committee to oversee efforts in this area. We are also a member of the Universities Climate Network (UCN), a network of universities committed to driving engagement among youth and academia in addressing climate change.

We have organised a range of events to promote our staff and students’ participation and sustainability awareness in the context of COP28. For example, ADPoly’s student volunteering program during COP28 provided students with a valuable opportunity to gain hands-on experience in sustainability and climate action. Over forty of our students actively participated in various roles, including event support, media assistance, and community engagement.

Students also participated in Expo Live University Innovation Program, showcasing their innovative potential in addressing environmental challenges. Two PET department teams and one EMET team reached the semi-finals with their projects on carbon capture, windfarm and Smart Solutions for Energy Efficiency, while the EMET project reached the final pitching session at COP28. Their innovative ideas, combined with their strong presentation skills, impressed the judges and highlighted ADPoly’s commitment to fostering innovation for sustainability.

Innovation Day 2023, themed “towards a sustainable campus,” provided a platform for students to explore and promote sustainable practices. Student innovation projects showcased sustainable solutions for the campus, demonstrating the potential of innovation to address environmental challenges.

The Environmental Awareness Club also organised events such as the Environmental Day (ADPoly EnVibes), which immersed students in sustainability through workshops, presentations, and competitions. It also held a Public Speaking Debate on environmental awareness where students were able to express their thoughts and solutions for environmental challenges.

The integration of sustainability themes into graduation projects encouraged students to apply their knowledge and skills to real-world sustainability challenges. Students developed innovative solutions, conducted in-depth research, and presented their findings to a panel of experts. These projects showcased the potential of ADPoly graduates to contribute to a sustainable future and highlighted the institution’s commitment to preparing students for the challenges ahead.

ADPoly’s academic staff actively engaged in COP28 events, presenting research and collaborating globally, showcasing the institution’s commitment to sustainability. Their contributions in panel discussions and collaborations with experts demonstrated ADPoly’s leading position in sustainability research and innovation.
I am delighted to extend a warm welcome to both new and returning members of the AD Poly family, as well as to the general public at large.

AD Poly is committed to building a competent and innovative workforce required in a knowledge economy that aligns with the economic vision of Abu Dhabi 2030. Since its establishment in 2010, AD Poly has been a beacon of knowledge, innovation, and academic excellence. The collective efforts of our dedicated faculty, staff, and students continue to elevate our standing in the realm of higher education. I take great pride in reflecting on the accomplishments of the past years and look forward to the promising opportunities that lie ahead.

The AD Poly community comprises ambitious students and academic staff who set a rigorous pace in achieving teaching excellence. AD Poly aims to provide innovative teaching, learning, and training environments for students aspiring to engage in future careers. While this newsletter is designed to assist prospective students, parents, and other visitors with relevant information about AD Poly, its content is just the tip of the iceberg compared to the quality of education and the numerous achievements of our great citadel of learning.

In the spirit of continuous improvement, I am thrilled to announce that AD Poly has implemented several initiatives aimed at enhancing the overall learning experience for our students. One such initiative is our state-of-the-art Cyber Valley, which hosts various academies from several of our industry partners, such as the CISCO Academy, Huawei-powered Cyber Pulse Innovative Centre, Cyber Gate Academy, and Immersive Lab. Other academies established on-campus in our quest to provide industry-based education include NEBOSH, EC-Council, Palo Alto, Microsoft, Arduino, and Honeywell. These collaborations have resulted in cutting-edge research projects and the expansion of our interdisciplinary programs. We remain committed to providing a dynamic and inclusive educational environment.

Our commitment to fostering an inclusive and supportive community remains unwavering. We strive to create an environment where every individual feels valued, respected, and empowered to pursue their academic and personal goals.

As we navigate the challenges and opportunities of the coming year, I am confident that the resilience and spirit of collaboration within our community will guide us to new heights. Together, we will continue to shape the future of education and make a lasting impact on the world.

I extend my heartfelt gratitude to all students and staff of AD Poly for your dedication and passion. Let us seize the opportunities before us and make this academic year one of growth, achievement, and positive transformation. And to our visitors and prospective students, I invite you to visit our website to have a broad understanding of our programs and practices.

Thank you for being an integral part of our vibrant academic community.

WHY STUDY AT ADPOLY?

ADPoly pioneers unique Higher Diploma and Bachelor programs, partnering with corporations to drive UAE’s growth. Emulating German apprenticeships, students experience a dual education system, blending practical training with theoretical knowledge. Please scan the QR code to go directly to our website.

Graduates command high salaries in emerging high-tech fields. Offering global exposure akin to the esteemed IAT model, AD Poly ensures immediate job placement. The streamlined programs align with Master’s degree aspirations and professional licensing, signaling a transformative era in education and career advancement.
ENVIRONMENTAL WELLNESS CLUB HOSTS ADPOLY ENVIBES

29 November 2023

ADPoly EnVibes, an exceptional wellness event by ADPoly’s Environmental Wellness Club, seamlessly blended wellness, sustainability, and excitement. The evening offered diverse activities, talks on COP28, and engaging workshops. The event featured animal showcases, vintage cars, and a dazzling firework display, creating a celebratory atmosphere. Food trucks and homemade treats delighted diverse palates.

What set EnVibes apart was an open mic, fostering creative expression and informal exchanges on environmental topics. This inclusive approach extended to families, creating a sense of community. ADPoly EnVibes transcended a wellness event, becoming a holistic celebration of wellness, sustainability, and shared experiences, leaving a lasting impact.

EMET DEPARTMENT DELIVERS ARDUINO TRAINING

3 - 24 November 2023

The Arduino Hub at ADPoly, in collaboration with the EMET department, recently conducted an enriching Arduino Fundamentals Training for faculty members. Running every Friday from 3 to 24 November, the training aimed to equip educators with essential skills for seamlessly integrating Arduino tools into their teaching methodologies and courses.

Led by Dr Walid Ayadi, an mechatronics assistant professor, the training focused on core Arduino concepts such as coding, sensor readings, and actuator control. The program, structured around 15 hands-on projects, provided faculty members with practical knowledge and confidence in utilizing Arduino tools for educational purposes.

Feedback from the 13 participants was overwhelmingly positive, highlighting the clarity of Dr Walid’s explanations and the effectiveness of the hands-on projects. The outcomes included heightened familiarity with Arduino fundamentals, improved coding skills, and increased confidence among faculty members.

Looking ahead, a series of follow-up actions are planned, including certification preparation, advanced workshops, and a detailed analysis of participant feedback for continuous improvement. The success of this training sets the stage for further exploration and integration of Arduino as a valuable STEAM tool in educational settings at ADPOLY.
Abu Dhabi Polytechnic marked the 52nd UAE National Day with enthusiasm and pride, bringing together students, faculty, and staff from its campuses in Abu Dhabi and Al Ain. The campuses were adorned with UAE flags, and a variety of heritage-themed events and activities were organized to commemorate this special occasion.

The celebration kicked off with the national anthem, setting the stage for a day filled with engaging performances that showcased the rich heritage and national pride of the UAE. Students took centre stage, reciting poems and putting on theatrical performances that beautifully expressed their love for their homeland and its history, highlighting their deep patriotism. The day also featured student-run competitions and shows that encouraged interaction and joy among all participants, fostering a sense of unity and loyalty to the country.

Attendees actively joined in the celebration, expressing their happiness and pride by singing national songs and enthusiastically participating in the performances. The events created an atmosphere of unity and pride, emphasizing the strong bonds that unite Emirati society. Many activities reflected the nation’s joy on this day of unity, highlighting values like loyalty, belonging, and gratitude to the generous homeland.

This year’s celebrations were remarkable for the inclusion of traditional theatrical performances, such as Yula performances and folk dances, which conveyed the people’s joy and demonstrated their loyalty and gratitude to the wise leadership. These performances were complemented by an exhibition and a captivating falconry show. The event also featured a henna painting corner, traditional cuisine, and ancient games, all showcasing the rich heritage and culture of the UAE.

The festivities also included an exhibition highlighting the heritage and artistic performances of the ADPoly Student Council and various student clubs. This exhibition featured arts, songs, folk dances, and a heritage tent displaying traditional crafts and popular cuisine. Both campuses experienced a significant turnout of visitors and attendees who expressed their deep love, loyalty, and sense of belonging to the UAE on its 52nd National Day.
The Climate Change and Archives Seminar at Sorbonne University, Abu Dhabi campus, welcomed Dr Seyda Tilev, Head of the Meteorology Department to present earlier this year. The focus of this seminar was to foster discussions on how archives support activities against meant to combat climate change.

Delving into the ADPoly Meteorology Program, Dr Tilev’s presentation covered climatological data, ongoing climate modeling, the latest IPCC report, and recent global and national climate change initiatives. Dr Seyda’s insights ignited meaningful discussions, contributing to a comprehensive understanding of the critical issues in her field.

Abu Dhabi Polytechnic-Mubadala Masary Summer Program was held in August and offered an enriching experience for high school students in Grades 9, 10, and 11. This comprehensive STEAM (Science, Technology, Engineering, Arts, and Mathematics) program aimed to inspire and guide students towards top higher education institutions.

The program’s objectives were threefold: firstly, to expose students to cutting-edge research, industry practices, and successful academic paths; secondly, to enhance their technical skills in coding, robotics, engineering, mathematics, and problem-solving; and finally, to develop well-rounded individuals by fostering life skills such as communication, teamwork, critical thinking, and leadership.

Students had the opportunity to work on innovative projects, interact with leading researchers, and experience ‘a day in the life of an ADPoly student.’ The program encouraged a focus on high-level educational standards and practices, preparing students for future careers in fields such as artificial intelligence, construction, cybersecurity, and engineering.

ADPoly is dedicated to supporting students in their educational journey, fostering a positive and enjoyable learning environment, and helping them become the best and most successful versions of themselves. We hope that this summer program has laid a strong foundation for their future academic and professional endeavors.
SEMESTER 1 CLUB FAIR: FOSTERING STUDENT ENGAGEMENT AND INNOVATION
25 October 2023

ADPoly’s Student Life organized a club fair event to promote and encourage student involvement in various clubs at ADPoly. This event saw participation from both students and staff. Numerous clubs, including the Media Club, Chess Club, Art Club, English Book Club, Arabic Book Club, Music Club, Sports Club, Cyber Guard Club, Environmental Wellness Club, Innovation Club, and Public Speaking Club, set up booths to showcase their activities, products, and future plans to attendees.

H.E. Dr Mubarak Al Shamsi, the Director General of Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET), graced the event with his presence. He showed a keen interest in the clubs’ activities, engaging with students and listening to their opinions and suggestions on the significance of these clubs and how to improve them.

The 2023 Club Fair exemplifies ADPoly’s dedication to building a lively community, providing students with opportunities to enrich their experiences beyond the classroom. Dr Abeer Fahim, Coordinator of Student Life, emphasized that this setting fosters innovation and creativity, enabling students to develop new skills while engaging with their peers.

ADPoly remains committed to promoting innovation and creativity by offering students the necessary resources and opportunities to develop their skills, achieve their goals, and contribute to community development through active participation in various clubs.

WORLD SKILLS YOUTH DAY: CYBER SECURITY
10 - 12 June 2023

World Skills Youth Day was organized by ACTVET, Information Security Engineering Technology students of Abu Dhabi Polytechnic, to showcase their skills in Cyber Security through the Information Security Skills Challenge. Dr Joseph Anajemba and Mr Muris Cengi (ISET faculty members) were there and coordinated the event.

In the ‘Capture the Flag’ challenge, a pair of students need to solve challenges related to Intrusion Detection, Malware Analysis, Penetration Testing, Network Security, and Cyber Defence. In each challenge, different points were accumulated by each team. Finalists were determined by accumulating the most points. There were 32 students in total who participated. Each team competed fiercely to be the winner.

In the end, teams 4, 13, and 3 emerged as winners, first runners-up, and second runners-up, with total accumulated points of 5,600, 5,400, and 5,400, respectively. Team 4 were the students Abdulla Khalid Alzaabi and Mohammed Ali Bamakhrama. Although there was a tie between teams 13 and 3, team 13 finished the challenge ahead of team 3 in less than 30 seconds. The director of Abu Dhabi Polytechnic, Dr Ali Hilal Alnaqbi, was at the venue till the end of the competition. He addressed and appreciated all students, faculty, and staff for their efforts. Finally, Dr Ali Alnaqbi awarded the winners with medals.
ADPOLY CHESS CLUBS HOST TOURNAMENT AT AL AIN CAMPUS

10 November 2023

Al Ain campus hosted a chess tournament for students and faculty members this semester. The event, a collaborative effort from the chess clubs of both Abu Dhabi and Al Ain, was a great opportunity for students to come together and play chess. The tournament consisted of five rounds of blitz chess, with each competitor having five minutes for all their moves.

The winner of the tournament was Abdulaziz Albloushi with 4.5.5 points. Aysha Alnuaimi picked up the prize for the highest scoring female participant with 2/5 points. Congratulations to you both!

The tournament was a great success thanks mainly to its organisers Magana Dela Vega Juan, Muhaira Al Aghfeli and Badreya ALMeqbaali from Al Ain campus. Students from Al Ain Talal Qasem and Abdelaziz Albloushi were also crucial in its organising. Aaron McCully and Abdulaziz Alhammadi also contributed by organising the event for Abu Dhabi participants.

ADPOLY AND UAEU INNOVATION CLUBS COLLABORATE AT THE CREATIVE MINDS FORUM

20 November 2023

ADPoly’s Innovation Club welcomed students from United Arab Emirates University (UAEU) to the innovation facilities of our Abu Dhabi campus. The visit was an excellent opportunity to exchange ideas, showcase projects, and to make new connections. UAEU students enjoyed an insightful tour, exploring the remarkable technical labs situated across the campus. The tour began at the Process Plant and Control Room, expertly guided by Eng. Hani Kanaan. Continuing, Eng. Eduardo Kruczkievicz demonstrated intricate machinery at the FABLAB, followed by Eng. Luis Kakazu showcasing the Automobile Technology Lab’s operations and inner workings.

Concluding this engaging tour, ADPoly’s Acting Director Dr Nedal Ababneh extended his gratitude to the UAEU students for their visit, expressing appreciation for their time and enthusiastic engagement throughout the exchange.
ORIENTATION DAY: EMPOWERING NEW STUDENTS FOR ACADEMIC SUCCESS

6 September 2023

Abu Dhabi Polytechnic recently organized a special Orientation Day for its incoming students at its campuses in Abu Dhabi and Al Ain. The primary goal of this initiative was to provide new students with a comprehensive introduction to the academic programs available and to guide them through essential course registration and academic processes.

The event received an honorable guest, His Excellency Dr Mubarak Al Shamsi, Director General of ACTVET, who delivered a warm and inspiring welcome speech. He emphasized the significance of seizing opportunities in the fields of technology and innovation, encouraging students to recognize their potential and contribute to society’s growth and development.

During the day, students received valuable support from the Student Council and ADPoly staff while registering for their courses. They also enjoyed campus tours, visiting labs and workshops, and had the chance to network with fellow students and staff members. The Orientation Day was a successful start to their educational journey, ensuring that they are well-prepared and motivated for their time at Abu Dhabi Polytechnic.

ADPOLY HOLDS ALUMNI GATHERING DAY IN AUDITORIUM

23 November 2023

DPoly’s first Alumni Gathering, held on November 23, 2023, was a remarkable success, bringing together alumni, current students, and faculty. Dr Mufeed Batarseh, the Acting Manager of Student Services, extended a warm welcome to the attendees and shared ADPoly’s vision of creating a lifelong alumni network of innovators. The event outlined a comprehensive roadmap for the alumni office, emphasizing its role in supporting the ADPoly alumni community.

One of the event’s highlights was the Alumni Talks Panel, featuring three distinguished graduates: Eng. Fatima Saleh Al Ramsi, Eng. Mohammad Almemeari, and Eng. Majed AlHammadi. These alumni shared their inspiring stories and insights, engaging in a dynamic Q&A session with the audience. The event undoubtedly strengthened ADPoly’s alumni network and its commitment to nurturing success stories for years to come.
Since her last interview, Zahra Hussain has blazed a trail of victories and experiences on the competitive cycling scene. She dominated the Arabian championship in Sharjah, securing first place in the time trial and propelling her team to the top spot. Next, she conquered the prestigious Saih Salam, the UAE’s biggest race, in January 2023, representing Sheikh Mohammed Bin Rashid. While clinching a well-deserved third place individually, she and her team once again soared to the pinnacle of the podium.

Zahra’s journey then took her to Europe, where she joined the UAE development team continental team as the sole Emirati girl. After honing her skills for three months at a summer training camp in Italy, she geared up for five European races. The first, Princess Annatur in Poland, proved to be a grueling three-day nonstop event, where an unfortunate crash cut her race short. However, Zahra’s resilience shone through in the subsequent Italian races, where she conquered each finish line with unwavering determination.

Compared to the UAE, Zahra found European races to be a significant step up in difficulty. The larger starting grids and the standard 100km minimum distance pushed her limits, but she rose to the challenge with remarkable grit. Despite the setback in Poland, she finished all four Italian races, proving her determination and talent on the international stage.

Inspired by Zahra’s journey, are you considering taking your first pedal strokes into the world of cycling? Here’s some advice from Zahra for aspiring cyclists:

· Skip the fancy wheels for now: Expensive bikes can wait! Instead, focus on mastering the basics by renting a bike and hitting the cycling track. Once you’ve nailed the fundamentals, you can confidently graduate to bigger challenges.

· Practice makes perfect: Just like any skill, cycling takes time and dedication. Don’t be discouraged by initial wobbles and spills. Embrace the learning process, and soon you’ll be cruising with confidence.

The Academic Support Department is committed to providing extracurricular clubs and activities for all students on both campuses. One new club that recently started last semester is the Arabic Book Club.

Founded by new faculty member, Mr Abdulrahman Alebri, the club aims to attract those interested in reading and the world of books. The club aims to build and develop the free and diverse reading skills of university students, helping to promote critical thinking, discussion of books and spread a culture of reading in the university community. Interested students can email Abdulrahman (abdulrahman.alebri@actvet.gov.ae) to join.
ISET DEPARTMENT HOLDS CYBERSECURITY BOOT CAMP

14 - 18 August 2023

In a strategic move to align with Abu Dhabi Polytechnic’s mission and nurture a highly skilled workforce tailored to the evolving needs of diverse industrial sectors, the ISET Department proudly launched the ADPoly Summer ‘23 Cybersecurity Bootcamp. This multifaceted initiative embraces a three-fold mission: reinforcing the academic foundation of ISET students, enhancing their skillsets, and empowering them for seamless integration into the job market. The boot camp unfolds as an intensive, knowledge-packed five-day training program, expressly designed to prepare students for professional certifications in the field of cybersecurity.

His Excellency Dr Mohamed Al Kuwaiti, a distinguished representative from the Cyber Security Council. Dr Al Kuwaiti extolled the ISET faculties for their visionary initiative, encouraging students to actively take part in such initiatives. His address underscored the key role such events play in creating a productive workforce, expertly addressing to the diverse needs of industrial sectors.

Qualifying students were able to take free exam vouchers marking a significant leap towards enhancing their professional careers.

ENG. NOURAH AL YAMMAHI SHEDS LIGHT ON RADIATION & NUCLEAR ENERGY AWARENESS

23 October 2023

In an informative seminar held at ADPoly for students and faculty, Eng. Nourah Al Yammahi, working with the Federal Authority for Nuclear Regulation (FANR), took center stage to address a critical topic - Radiation and Nuclear Energy Awareness. The event took place at the Abu Dhabi Polytechnic Auditorium.

FANR, the Federal Authority for Nuclear Regulation, plays a pivotal role in ensuring the safety and security of nuclear and radiation-related activities in the UAE. Their responsibilities encompass nuclear safety, radiation safety, nuclear security, non-proliferation, and capacity building.

During her engaging presentation, Eng. Nourah delved into the various facets of nuclear technology and its applications within the UAE. Nuclear technology, harnessed through uranium and nuclear energy, stands as a vital source for electricity generation in our nation.

Eng. Nourah Al Yammahi’s presentation left the audience enlightened and informed, fostering a stronger awareness of radiation and nuclear energy’s significance in the UAE’s energy landscape.
PET DEPARTMENT ORGANISES FIELD TRIP TO SCHLUMBERGER MIDDLE EAST LEARNING CENTER

24 October 2023

Petroleum Engineering Technology senior students, accompanied by three instructors, embarked on an educational field visit to the Schlumberger (SLB) Middle East Learning Center (MLC) in Abu Dhabi. Organized by Eng. Rana Saqer, the visit was a key component of their On-Campus Training program, offering practical insights to complement their academic studies.

The 16 students had the opportunity to explore various facilities, including the rig, wireline pad, and cementing pad, gaining valuable hands-on experience. Engaging with experienced professionals from diverse engineering domains enriched their understanding. This visit not only enhanced their knowledge but also served as a bridge between theory and real-world applications, giving students hands-on experience to complement their academic studies at ADPoly.

65 PET STUDENTS PARTICIPATE IN ADIPEC-2023

2 - 5 October 2023

ADPoly PET Department students recently participated in the Young ADIPEC-2023 Program, a platform within ADIPEC, the world's largest energy exhibition. This event focused on critical climate and energy challenges, providing a unique opportunity for students to engage with industry leaders and discuss pressing issues. Meeting His Excellency Dr Sultan Ahmed Al Jaber, Managing Director of ADNOC, further enriched their experience.

The programme included educational talks, exploration of sponsor zones, and exposure to cutting-edge technologies at the exhibition. Beyond insights into the energy sector, the program facilitated connections among aspiring professionals, bridging generational gaps. This invaluable experience equips students to contribute meaningfully to the industry, fostering innovation and sustainable energy solutions.
Petroleum Engineering Technology students from Abu Dhabi Polytechnic recently engaged in an immersive learning experience at the Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC) 2023, skillfully merging academic knowledge with hands-on industry practice. Coordinated by Eng. Khalid Hussain and facilitated by KAPPA, a pivotal entity in petroleum engineering software, the students navigated through practical sessions, exploring the dynamic interfaces of KAPPA’s renowned software platforms related to oil and gas reservoir simulation and management. The event offered a unique platform for students to delve into real-world petroleum engineering applications, symbolizing a strategic blend of theoretical and practical learning in shaping the future experts of the petroleum industry.

ADPOLY AND REVIVA COLLABORATION AT ADIPEC

5 October 2023

Representatives from ADPoly and Reviva, Saudi Arabia an environmental sustainability and waste management company, convened at ADIPEC 2023 to explore future collaborative endeavors.

The meeting, attended by Hamad Al Qubaisi from IAT Partnerships & Students Career Services Office, Eng. Khalid Hussein and Dr. Amar Sahed (From PET department) covered substantial grounds in discussing potential collaborations in training, research, and waste management initiatives. With a focus on educational initiatives, waste management strategies, and technological collaborations, both parties identified action points for future engagement and scheduled a follow-up meeting to finalize collaboration specifics, ensuring a blend of academic and practical approaches towards sustainability in the industry.

PET ENGAGEMENT WITH FRESHMEN EVENT

6 September 2023

"Engage with our freshman students to raise awareness and promote the PET department" event at ADPoly aimed to inform students about the Petroleum Engineering Technology (PET) department and the UAE’s oil and gas industry. Organized by ADPoly, the event included guided tours, presentations by industry experts, and engaging activities. With 25-30 students in attendance, feedback was overwhelmingly positive, indicating increased interest in PET studies. The event successfully achieved its goals of awareness and promotion, inspiring students to explore careers in petroleum engineering technology.
ADPoly celebrates Teachers’ Day with heartfelt appreciation

5 October 2023

ADPoly celebrated Teachers’ Day with great enthusiasm and appreciation for the dedicated educators who play a crucial role in shaping the future of the students. The event was organized by the ADPoly Students Council, and it was a heartwarming occasion filled with gratitude and recognition.

Saif Al Zaabi, the president of ADPoly Students Council, delivered a heartfelt speech to welcome the teachers and express gratitude for their tireless efforts in imparting knowledge and guidance. The entire academic and administrative staff were in attendance, creating a warm and supportive atmosphere.

To show their appreciation, the Students Council presented the teachers with thoughtful gifts, and a delightful open buffet was served at the end of the event. The academic and admin staff expressed their happiness and gratitude for the Students Council’s kind gesture, emphasizing the importance of such events in fostering a strong sense of unity and appreciation within the ADPoly community.

Hareb Al Mheiri delivers seminar on PM Cybersecurity

15 November 2023

In a recent seminar at Abu Dhabi campus, ISET student Hareb Al Mheiri delivered an engaging seminar on Cyber Security Awareness. The event took place in the Cyber Pulse Innovation Lab, which is a representative example of ADPoly’s state-of-the-art training facilities.

Hareb highlighted the menace of phishing, wherein deceptive practices trick individuals into disclosing sensitive details, often masked as trustworthy entities seeking passwords or credit card numbers. Additionally, he shed light on the realm of online scams, exploiting the internet to deceive victims and jeopardize financial security.

During the seminar, Hareb emphasized the significance of recognizing data vulnerability during transfer, an essential aspect in fortifying your defenses against cyberattacks. Developing skills to distinguish true from false news and understanding the nuances of deepfake technology were underscored as key elements in the digital self-defense arsenal. This allowed participants to empower yourself with knowledge to stay safe online!

Hareb’s insights illuminated the path to secure digital interactions and helped students protect their personal information in this age of digital online presence.
ADPoly Post contributor Rashed Al Bahlooli held an interview with ADPoly student Mansoor Alhammadi about his experience representing the UAE in mixed martial arts.

Thank you for agreeing to be interviewed by the ADPoly Post. Can you tell us how you got into MMA?

I got into MMA through my coach, who initially saw potential in me when I was just boxing. It was a natural progression for me as I liked the sport.

Can you tell us about the competitions you've participated in?

Certainly. My journey in MMA began with my first competition in Abu Dhabi, which was an eye-opening experience. Since then, I've had the opportunity to compete in Serbia and other various events, both nationally and internationally, honing my skills along the way.

Would you recommend MMA to other students?

I wouldn't recommend it for beginners, but if someone is willing to embrace new challenges, then I'd say I'd say go for it. MMA demands dedication, discipline, and a strong mindset, but the rewards are worth it.

What aspects of MMA do you enjoy?

I've always been drawn to challenges, and I enjoy pushing my limits. MMA is an incredible place for self-improvement, both physically and mentally. It's not just a sport; it's a lifestyle that has enriched my life in numerous ways.
ADPOLY HOLDS SKILLS4LIFE SUMMER SCHOOL FOR HIGH SCHOOL STUDENTS

14 - 18 August 2023

Both campuses at ADPoly hosted the Skills4Life Summer School in August, welcoming grade 10 and 11 students from Applied Technology High Schools across the Emirate of Abu Dhabi. The students had an opportunity to learn about the programs that are available at ADPoly and to gain insight into what each one offers, sparking their interest in a potential engineering career. The summer school also offered soft skills training for students to develop their communication and critical thinking skills.

In Abu Dhabi, the communication training was delivered by Mr Aaron McCully, Dr Bashar Abu Shunnar and Dr Abeer Fahim. This involved advice for presenting themselves and a role-play task to practise a university entrance interview. The Innovation training was delivered by Eng. Pantelis Demetriou and Dr Amar Amouri, and they tasked the participants with solving a real-world problem. Students also visited the petroleum lab, organised by Eng. Ahmed Alnuaimi and Eng. Khalid Hussain. From the ISET department, Dr Emir Vajzović delivered a session on digital footprints and information security. Finally, students learnt about engines and dismantling them with a very practical and enjoyable session delivered by Eng. Luis Kakazu.

In Al Ain, students received hands-on training from Ms. Diana Al Haffar in communication and public speaking skills. Students also gained knowledge about aircraft systems, aerodynamics, and the role of Aircraft Maintenance Engineers, with training delivered by Mr Wilson Ordonez, Mr Samuel Mora, Mr Apu Chandra Paul and Mr Robin Rajan.

The Skills4Life Workshop offered holistic learning for the young learners, blending engineering insights with communication and innovation skills, and empowering participants for academic and professional excellence.

MUSEUM OF THE FUTURE INNOVATION FIELD TRIP

20 October 2023

Innovation Lab Manager Eng. Pantelis Demetriou organised an educational field trip for students taking the Creativity, Innovation & Entrepreneurship course. Explaining his reasons for planning the excursion, Eng. Pantelis explained “it allowed my students witness innovative and creative technologies, visionary ideas and thought-provoking exhibits that would ignite their imagination.”

Following the field trip, the class had a discussion of what they had seen and learnt about in the Museum. All the students enjoyed the trip, and they found the exhibitions remarkably interesting and inspiring.
EMET STUDENTS VISIT ARABIAN POWER COMPANY

14 December 2023

Ten EMET students, led by Dr Fawwaz Alkhatib and Eng. Anand Gopalakrishnan, embarked on an enlightening industry visit to the Arabian Power Company, located Sas Al Nakhl - Abu Dhab. The Arabian Power Company, a key player in the UAE’s oil industry, showcased its evolution from an oilfield workshop to a specialized hub serving diverse sectors.

The students explored various manufacturing processes, delving into the intricacies of entrepreneurship within this dynamic industry. Dr Fawwaz and Eng. Anand provided guidance, enhancing the students’ understanding of the business. This immersive experience equipped EMET students with valuable insights and potential pathways for their future careers as power engineers.

NEBOSH CERTIFICATION FOR EMET STUDENTS

Twice a year, the EMET department takes pride in guiding students towards professional certifications, enhancing their resumes and boosting employability. Among the crucial certifications offered is NEBOSH, highly recommended by our graduates. This certificate focuses on improving health and safety in the workplace, which is critical in the field of electromechanical engineering.

Led by HSE instructors, Eng. Hussein Alsamirat and Eng. Khalid Al-Jarrah, the Health, Safety, and Environment course is tailored to meet NEBOSH standards. This certification equips our students with essential workplace health and safety skills, making them stand out to employers in the UAE.

EMET STUDENTS INDUSTRY FIELD TRIP TO ATTA

15 June 2023

Alnasr Technical Trading Agencies (ATTA) has been one of the prominent names in the industry of the United Arab Emirates since its establishment. Over the years, its engineering division has transformed from an introductory oilfield machine workshop to a specialized workshop that serves various industries.

EMET faculty members Dr Fawwaz Alkhatib and Eng. Anand Gopalakrishnan recently organised an excursion to the company, which allowed students to see various manufacturing products. The students gained insights into daily life in this industry, the running of the business and ideas on how to become a successful entrepreneur. The students found the field trip both informative and enjoyable, giving positive feedback to the excursion organisers and to ATTA for their hospitality.
In a dazzling showcase of talent, Abu Dhabi recently hosted the WorldSkills Asia 2023 competition, bringing together over 500 participants from 30 countries. Under the patronage of His Highness Sheikh Khalid bin Mohamed bin Zayed Al Nahyan, the event unfolded at ADNEC during the final week of November.

Among the standout achievers was Yahya Mubarak Mohamed Awasiya Alzaabi, a student from AD Poly under the EMET Program – Intelligent Systems Engineering. In the fiercely contested Autonomous Mobile Robotics Skill, Yahya clinched the gold medal, securing the top spot for the UAE. This accomplishment follows his stellar performance at Emirates Skills 2023, showcasing his dedication to excellence.

Yahya’s journey doesn’t end here. Having set his sights on the WorldSkills International Competition in Lyon, France in 2024, Yahya remains steadfast in his commitment to innovation and skill mastery. His success not only brings pride to ADPoly and the UAE but also serves as an inspiration for his peers at ADPoly as well as aspiring engineers.


The focus spanned Mechatronics and Automation technologies, covering Basic Pneumatics, Basic Hydraulics, Process Control, SCADA WinCCflexible, and Basic PLC programming. This training not only secured ADPoly’s FACT license renewal but also empowered the attendees, who are now certified FESTO trainers. The event marked a significant leap in skill enhancement for the participants and set the stage for elevated proficiency in the field.

The 10th Fluid Codes – ANSYS User Conference, held at The Meydan Hotel, Dubai on October 19, 2023, gathered 100 participants from industry and academia. Organized by Fluid Codes, the event showcased ANSYS codes, fostering networking between ADPoly faculty and academic coordinators. Anticipated outcomes include enhanced simulation capabilities for projects and the exploration of an ANSYS Academy. This conference, a sequel to a prior Fluid-Codes training seminar at ADPoly Abu Dhabi campus, emerges as a pivotal industry hub for training and applied research.
BREAST CANCER AWARENESS DAY AT AD CAMPUS
25 October 2023

ADPoly students and faculty gathered in solidarity for a powerful Breast Cancer Awareness event alongside guests from Fatima College of Health Sciences. Expert speakers explained early detection, risk factors, and self-examination techniques, equipping participants with essential knowledge and practical tools. Interactive workshops deepened understanding, with students actively learning from healthcare professionals. The afternoon resonated with inspiring stories of resilience from breast cancer survivors, reminding everyone of the unwavering strength within the community. Leaving equipped and empowered, attendees carried the spirit of awareness and support forward, pledging to prioritize their well-being and actively stand with those affected by this disease.

UAE FLAG DAY COMMEMORATION
3 November 2023

The entire ADPoly community celebrated UAE Flag Day this semester, with pride and loyalty to their homeland. Members of the academic and administrative teams, along with students, gathered in Abu Dhabi and Al Ain campuses for the occasion.

This event promotes patriotism, communication, and knowledge exchange among students and faculty. Flag Day signifies peace, justice, and tolerance, reflecting national identity and loyalty to the UAE's leadership. ADPoly's community takes pride in annually celebrating this event, symbolizing the nation's independence and UAE's prestige.

GUEST SPEAKER GIVES PATRIOTIC SEMINAR
21 November 2023

ADPoly recently hosted a seminar titled "Love of our Homeland," featuring Dr Najia Al Ketbi, an Assistant Professor at Mohammed Bin Zayed University for the Humanities. The event drew participation from administrators, educators, and students. The audience actively engaged in discussions about patriotism, the country's rich heritage, and its wise leadership through educational and cultural activities, culminating in an enriching question-and-answer session. The event showcased the attendees' genuine love for their country and paid homage to UAE's Founding Fathers and their enduring legacy.
MAKE ABU DHABI POLYTECHNIC YOUR FIRST CHOICE FOR STUDYING ENGINEERING AND TECHNOLOGY

<table>
<thead>
<tr>
<th>ADPoly Programs (English)</th>
<th>برامج بوليتكنك أبوظبي (عربي)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Bachelor Electromechanical System Engineering Technology</td>
<td>البكالوريوس التطبيقي في تكنولوجيا هندسة النظام الكروميكيائي</td>
</tr>
<tr>
<td>Applied Bachelor Information Security Engineering Technology</td>
<td>البكالوريوس التطبيقي في تكنولوجيا هندسة أمن المعلومات</td>
</tr>
<tr>
<td>Applied Bachelor Petroleum Engineering Technology/Chemical Engineering</td>
<td>البكالوريوس التطبيقي في تكنولوجيا هندسة البترول/الهندسة الكيميائية</td>
</tr>
<tr>
<td>Bachelor of Science in Meteorology</td>
<td>بكالوريوس العلوم في علم الارصاد الجوية</td>
</tr>
<tr>
<td>Advanced Diploma in Aircraft Engineering Technology</td>
<td>الدبلوم المتقدم في تكنولوجيا هندسة الطائرات</td>
</tr>
<tr>
<td>Diploma and Diploma Advanced in Aircraft Maintenance Technology</td>
<td>الدبلوم والدبلوم المتقدم في تكنولوجيا صيانة الطائرات</td>
</tr>
<tr>
<td>Applied Bachelor In Aircraft Maintenance Management</td>
<td>بكالوريوس تطبيقي في إدارة صيانة الطائرات</td>
</tr>
</tbody>
</table>

A MESSAGE FROM THE EDITORIAL BOARD

We are delighted to publish this fifth edition of the ADPoly Post and we hope you have found it both enjoyable and informative. We strive to showcase our achievements, success stories and events that our institution offers outside the classroom. This issue has featured a range of stories, from students representing their country in sports to involvement in activities related to COP28, which was recently hosted in the United Arab Emirates.

Our editorial board consists of Dr Mufeed Batarseh (chair) along with Dr Bashar Abu Shunnar and Mr Aaron McCully, who both serve as editors and designers of the document. We also have two students working on the editorial board, helping to write up stories and interview both staff and students at ADPoly: Ms Maryam Alteneiji and Mr Rashed Al Bahlooli. We are proud to have a truly collaborative effort for this project between students and faculty.

Finally, we would like to thank the countless faculty, staff and students who helped to contribute articles to this issue - writing this newsletter would not have been possible without you.

ADPoly is accepting applications for our programs. Feel free to use the QR code below to go to the admissions section of our website. Here you can find information about admission criteria for each program (see table) along with how to transfer from another institution, and the recognition of prior learning policy. You can also find the application form here.