ADPOLY POST

The Newsletter of ADPoly, issued by the Academic Support Department

Welcome from the Director

Dr. Ali Hilal Alnaqbi
Director, Abu Dhabi Polytechnic

Welcome from Head of Academic Support

Prof. Dr. Mufeed Batarseh
Head of Academic Support Department, Abu Dhabi Polytechnic
Kicking off the new academic year 2021-2022, the IAT Managing Director, Dr. Ahmad Alawar, met the ADPoly staff and students as part of his annual visits to the IAT entities.

The meeting, which was held at Abu Dhabi Campus, was opened with a warm welcome for the staff members and students by Dr. Ahmad Alawar, wishing them a productive academic year, full of achievement as well as innovative and exciting research.

Dr. Ahmad Alawar highlighted that students must work hard to succeed in their specialisations. He also pointed out they would receive the attention and support they need from the ADPoly administration and academic staff. Additionally, he added that ADPoly seeks to provide the highest educational standards for its students and to ensure they are provided with the best learning environment possible.

Dr. Ahmad Alawar gave an overview of the college’s current strategy to support continuous development as well as high-quality teaching and research. Dr. Ahmad Alawar noted that we adhere to the quality assurance standards set by the UAE Ministry of Higher Education and other accreditation entities. He encouraged staff and students to focus on research, and continually developing standards of teaching and learning.

At the end of the meeting, a discussion took place between Dr. Ahmad Alawar and the attending staff and students, during which he listened to their comments and answered their questions.

Dr. Bashar Abu Shunnar
(bashar.abushunnar@adpoly.ac.ae)

Mr Aaron McCully
(aaron.mccully@adpoly.ac.ae)

You don’t need to submit a complete article – we can receive some ideas or a general outline of what you would like to write about, and we will be happy to provide you with support and guidance for your article.
ABU DHABI POLYTECHNIC COMMEMORATES THE 50TH UAE NATIONAL DAY

28 November 2021

Abu Dhabi Polytechnic celebrated the 50th UAE National Day with several activities, including student-led events, on its Abu Dhabi and Al Ain campuses. The celebrations reflected on the UAE’s achievements in the past 50 years and included a variety of heritage activities as well as events reflecting the spirit of the Union.

The official inauguration of the celebrations was held under the patronage of His Excellency Eng. Hussain Al Hammadi, Minister of Education, and Dr. Mubarak Al Shamsi, Director General of ACTVET. The audience enjoyed “Emirat Al-Ma’ali” epic as part of the national celebrations of the golden jubilee of the establishment of the UAE, organized by ACTVET. The event took place at the MBZ Educational Complex in Abu Dhabi in the presence of Dr. Ahmed Al Awar, Manager Director of IAT and Dr. Ali Al Naqbi, Director of ADPoly. The event was attended by students, parents, members of the community and a group of officials.

The celebration was an opportunity for all to express their love and loyalty to this land. That was the case with Mansour Al Bloushi, who spoke on behalf of his fellow students to reveal his pleasure and happiness to be present in praise of the spirit of unity with all expats and nationals that share nothing but appreciation for the United Arab Emirates.

After the inauguration, audience headed to ADPoly campus to see the heritage exhibition, and participate in cultural activities such as board games and falcon shows. The audience also treated themselves with traditional food that reflected the UAE’s heritage and culture.

Cloud Chamber Competition

ADPoly established a cloud chamber competition that was open for all our nuclear engineering students. A cloud chamber allows us to witness delicate, wispy proof of small particles whose story begins in outer space. They are shooting through all of us, every moment of every day.

This experiment allowed the students to see the vapor trails of the subatomic particles that they studied in their nuclear program such as beta, alpha, gamma, neutron, and electron.

This experiment was a big success as it expanded the students’ knowledge and curiosity in the nuclear field, and elevated the skills of all the participants in this area.

The winner of this competition was the team who detected the appearing vapor trails and carried out the experiment successfully. Well done to Fatima Almeraikhi, Abdulrahman Nour, Salem Alameri, Mohamed Alkheimeiri and Khalifa Ebrahim on picking up first place in the competition.
ADPoly HOLDS EXHIBITION SHOWCASING GRADUATION PROJECTS

24 November 2021

Abu Dhabi polytechnic organized the exhibition of students’ graduation projects in November. The purpose of this showcase was to demonstrate their final project, which was a culmination of the knowledge and skills they had learnt during their four-year degree. Students had the opportunity to present their graduation projects in the form of posters and the prototypes. All the engineering programmes participated in this major event.

Dr. Ali AlNaqbi, Director of ADPoly, opened the exhibition and stressed the importance of these projects. They represent the result of their achievements and hard work throughout their degree. It was also a good chance to implement the skills and information they had learned in their programmes, and to create engineering projects that have practical and economic benefits.

The exhibition gave students from various disciplines the opportunity to showcase the skills they had refined to develop a creative and innovative approach towards engineering and technical production. Students were able to apply their ideas to real projects in collaboration with faculty mentors. This allowed them to achieve their final vision, integrate outside feedback, and conduct practical research as a part of the creative process.

Dr. Mufeed Batarseh, Head of Academic Support Department, pointed out that these projects express the visions and creativity of their owners. This shows the students’ awareness of their community, and their ability to express their ideas, forming them with creativity and innovation. He thanked the students and faculty members who contributed to the implementation and supervision of this exhibition.

The projects were subject to the discussion and evaluation by judges from the academic staff. Students received constructive feedback on their graduation projects to continue developing them. The students who won the best projects received certificates of appreciation from the heads of each programme.

Congratulations to all the students who participated in the events – this is a great start to your professional life!

ADPoly Success in 3D Printing Competition

A team from ADPoly picked up the overall winner award in the ASME UAE Section 3D Printing Competition last September.

The team consisted of students from our college Mansoor Nasser Al Hammadi, Maryam Ahmed Al Blooshi, Khalifa Ateeq Al Remeithi, Muhra Muhammed Al Medhani, Husani Mohamed Al Muharrami. They were supported by faculty members Eng. Hussam Musa Fraij and Eng. Khalifa Mohammed Almansoori.

The project was a balcony safety control, which was designed to avert accidental falls from balconies in apartment buildings, which is a serious problem worldwide. Their design is a combination of mechanical design and pneumatic systems. When a person walks onto their balcony, a pole is lifted to prevent family members from falling. When they leave the balcony, the pole is then lowered and the balcony returns to its normal state.

We would like to congratulate on their entire team for winning the award, and we look forward to hearing about your future achievements!
The Academic Support Department (ASD) at Abu Dhabi Polytechnic (ADPoly) organized ADPoly Clubs launch event. This aimed to introduce staff and students to the main clubs affiliated to ASD, namely Innovation Club, Media Club & Environmental Wellness Club. The event was open to all university students and staff, and approximately 100 attended.

Dr Ali Alnaqbi, Director of ADPoly, and Prof. Mufeed Batarseh, Head of Academic Support Department, were on hand to open the event. At the opening, Prof. Mufeed Batarseh, pointed out that participating in these kinds of extracurricular activities demonstrates the importance of community involvement. It also builds teamwork, communication, relationships, and a sense of belonging, all of which help students to develop socially and be successful in their university degrees. These skills will also be invaluable for their future careers and professional life.

During the event, both students and staff had the opportunity to learn about the achievements, goals and future plans of the three clubs. Attendees also shared opinions, thoughts, and suggestions about potential activities they would like to participate in next semester. The staff received excellent suggestions they will definitely consider in 2022.

The event included demonstrations of cutting-edge models and prototypes in innovation. There was also the opportunity to network, participate in activities, and treat themselves to some snacks and beverages – the innovation chocolates were a big success as we ran out of them in the first hour!

In the end, students and staff expressed their happiness at the opening of these clubs. These will provide them with the opportunity to participate in extracurricular activities that will develop their skills, satisfy their interests, and enhance their national identity.

Don’t forget to sign up for any (or all!!) of the clubs we are offering this semester! Follow the link in the library and get registered early!

Meet your new Student Council President

My name is Fatima Almeraikhi and I’m a second-year nuclear engineering student here at ADPoly.

I was nominated president in the student council elections, winning the most votes among all competitors. It was a mesmerizing experience to participate in the process, and I’m glad I was able to convince you that I will truly create a huge impact on the campus by creating a positive atmosphere and promoting a good environment.

I would like to share the goals and aims of ADpoly student council.

- To be the voice of the students of ADpoly;
- To enhance student involvement in the ADpoly community;
- To host internal and external events;
- To develop the student atmosphere of ADpoly;
- To introduce academic ambassadors to assist the students;
- To organise an ADpoly students ceremony;
- To create weekly circles to discuss the concerns and suggestions of the students.

Please feel free to contact me directly with any issues or feedback you have! I look forward to representing you all.

Dr Ali, Prof Mufeed and Mr Hisham meeting members of the innovation club

Students and staff enjoying the exhibitions
A DAY OUT AT EXPO 2020

11 November 2021

The Academic Support Department (ASD) organized a visit for the university students to Expo 2020, the world’s must-see event happening at the moment.

During the visit, students were able to explore what the pavilions offer and learn through various cultural, technological and educational activities. One of the students’ favourite was in the Sustainability District where they explored ocean depths, deep forests and artistical interpretations of the world’s wonders. They also had an opportunity to discuss the topic of climate change and offer some solutions to combat this problem.

The students visited the Expo Dome, which is the beating heart of the Expo, and viewed the “Al Wasl Square”. This is one of the most important landmarks of the exhibition that has a range of cultural, environmental, touristic, educational, and recreational activities. The “Expo 2020 Water Feature” was a big hit - but future visitors should remember to bring a towel as they will be getting wet!

The UAE Pavilion also caught the attention of the students as they watched how the wing is designed in the form of a flying falcon. This comprises four floors with a total area of more than 15 thousand square meters. Inside, students experienced six interactive installations, each depicting a chapter of the nation’s story.

At the end of the visit, students stamped their Expo passports and took some memorable photos to mark this incredible visit.

Students showing their newly stamped passports

English Tips for the New Semester – Improving your Pronunciation!

English pronunciation is a tricky thing to master. Did you know that when one word ends in the letter “t” and the next word begins with a “p”, we replace the “t” sound with “p”? For example, “a white piece of paper” is pronounced “a waiP piece of paper” by native speakers!

Your pronunciation is a key skill for communicating both in your personal and professional lives. It is the first thing people notice about your English, and we all know making a first impression is important.

Students often wonder how they can improve this in their free time without having a teacher immediately at hand. Fortunately, the BBC website includes a range of resources to help you to develop your pronunciation. We recommend using these podcasts to learn about these advanced pronunciation features and gives you some exercises to do. Here is the link:

https://www.bbc.co.uk/learningenglish/features/pronunciation

Make sure you record yourself doing the exercises. You can then listen to yourself and repeat until you feel more confident with the pronunciation feature you have learnt about.
A delegation from ADPoly visited the headquarters of the National Centre of Meteorology (NCM) in Abu Dhabi in September.

During the visit, NCM staff introduced ADPoly students to the importance of meteorology. The centre also presented opportunities that are offered in the form of scholarships, both nationally and overseas, in cooperation with Abu Dhabi Polytechnic.

Students attended a presentation on NCM and its state-of-the-art infrastructure. There was also a tour in NCM’s headquarters and its various departments, including the operations centre for general forecasts, marine forecasts, and rain enhancement applications. Additionally, the tour included a visit to the recently opened Scientific Dome, a global first-of-its-kind installation to visualise real-time and simulated weather data.

NCM has become a leading national organisation by staying on the path of excellence in meteorology. Through providing accurate data, the centre has played a crucial role in helping the nation’s decision makers and promoting sustainable development in vital sectors.

The collaboration between ADPoly and NCM will support curriculum development by providing essential data on weather related disciplines and encouraging students to pursue higher education in this field.

**Workshops and Webinars, 2021/2022**

**Emirati Genome Program** - ADPoly organized a webinar on the Emirati Genome Program, presented by Dr. Ahmed Al-Awadi. He addressed the program, which aims to develop the Emirati medical genome map for the citizens of the country, and benefit from it in developing treatment and preventive plans as well as improving the nation’s health care.

**GP Report writing Workshop** - The Report Writing workshop was conducted by Ms. Diana Al Haffar. The aim of this workshop was to give students the tools and confidence to create reports that are well-structured, suitable for their intended audiences, clearly written and that achieve their objectives.

**Internal Procurement Training** - Procurement Team at HR Provided online training to ADPoly staff who use the ADERP Procurement system. The training included basic procurement topics such as types of tenders, PR to PO process, and other related points.

**ASD Quality assurance Training** - Dr. Yasser Farhan the quality assurance chair at ASD provided training on general quality practices related to course improvement plans, E-CAF preparation and archiving documents.

**Patents System training** - TAKAMUL organized a training session on patents system presented by Ahmad Al Zou’bi from Abu Ghazaleh Intellectual Property. The training highlighted topics related to the industrial property rights, patents & inventions and patentability requirements.

**Pre-Employment Workshop** - Ms Khawla Al Shehi arranged a pre-employment workshop for ADPoly students. The workshop provided students with the resources and tools needed to enter the job market.

**World Diabetes Day Awareness** - This webinar was hosted by Dr. Youssef Hassan, Consultant Endocrinologist at Mediclinic, Abu Dhabi. It highlighted risk factors for diabetes and promoted a healthy lifestyle to prevent it.
ADPoly received a delegation from The Technical University of Applied Sciences Wildau in efforts to enhance friendly relations and strengthen strategic cooperation between the two parties in technical education and research. The Technical University of Applied Sciences Wildau is the largest of five universities of applied sciences in the federal state of Brandenburg, Germany.

The delegation was welcomed and met by Prof. Mufeed Batarseh, Head of Academic Support Department, who briefed them on the university’s programmes, departments, and facilities. Dr Ali AlNaqbi, Director of ADPoly, and other heads of department were also present during the visit.

In the initial meeting, Prof. Mufeed Batarseh praised The Technical University of Applied Sciences Wildau in providing world-class education through a commitment to advancing, preserving and disseminating knowledge. Dr Ali AlNaqbi also briefed the delegation on ADPoly’s mission and vision, which aims to prepare graduates to contribute to building the nation and to strengthen the role of the university as a leader in the progress of scientific research and community service.

At the end of the visit, the German delegates expressed their gratitude for the warm welcome they received as well as the opportunity to collaborate with ADPoly.

We look forward to welcoming the delegation back in the future and for future opportunities to collaborate in our scholarship.

How to Avoid Plagiarism

Plagiarism means using someone else’s words or ideas without properly crediting the original author. Sometimes plagiarism involves deliberately stealing someone’s work, but often it happens accidentally, through carelessness or forgetfulness.

When you write an academic paper, you build upon the work of others and use various sources for information and evidence. To avoid plagiarism, you need to correctly incorporate these sources into your text. Follow these four steps to ensure your paper is free from plagiarism:

1. Keep track of the sources you consult in your research.
2. Paraphrase or quote from your sources (and add your own ideas).
3. Credit the original author in an in-text citation and reference list.
4. Use a plagiarism checker before you submit.

Plagiarism can have serious consequences, so make sure to follow these steps for every paper you write. To know more about plagiarism and how to avoid it, make sure you check Dr Abeer Fahim's workshop on this topic. Click on the link below to find a recording of the whole session from Blackboard.

https://eu-hti.bbcollab.com/collab/ui/session/playback/load/5034898db73f4dc79cf76c979892b985
Learning Centres

The Learning Centers at Abu Dhabi Polytechnic are dedicated to providing an effective learning environment for students to enhance their skills, get support, and improve their academic performance. Aligned with Abu Dhabi Polytechnic’s commitment to all its students, the Learning Centers offer a range of resources and materials in addition to one-on-one consultations in the areas of writing, math, physics, and chemistry. Students can book individual consultations through the booking system link provided on the page for each learning center.

Click here to find out more information:
https://library.adpoly.ac.ae/CustomPage/564

Learning Resource Centre

Students can get access to the up-to-date resources related to their majors.
https://library.adpoly.ac.ae/home

Student Clubs

Student clubs are the place where you can meet the talented peers, and gain innovation and entrepreneurship skills. Feel free to learn more about our Environmental Wellness Club, Innovation Club and Media club in the following link:
https://library.adpoly.ac.ae/CustomPage/565

Innovation Lab

The Innovation Lab at Abu Dhabi Polytechnic is a shared workspace that allows students to “play” with the latest prototyping/ideation tools, explore new subjects, develop technologies, and share knowledge. The space is equipped with state-of-the-art equipment, educational programs, and student mentors from all disciplines.

Students are encouraged to use the Innovation Lab to not only apply what they have learned in the classroom, but also to collaborate with others to develop their own theories, experiments, and projects.

Learn more about the Innovation Lab by clicking this link:
http://www.adpoly.ac.ae/research/
ADPOLY WELCOMES KOREAN DELEGATION

6 - 8 December 2021

A delegation from Korea Polytechnic, including officials, academic staff and students, visited the institute of Applied Technology (IAT) at the end of the first semester.

The delegation was received by Dr. Ahmad Alawar, IAT Managing Director, Dr. Ali Alnaqbi, Director of ADPoly, along with heads of departments at ADPoly.

The visit aimed to discuss possible areas of future joint cooperation, especially with joint development projects in the fields of technology, engineering and entrepreneurship. The meeting was an opportunity to learn more about the progress made by ADPoly in addition to the challenges it needs to overcome.

Dr. Ahmad Alawar welcomed the delegation and stressed the importance of the cooperation ADPoly has with a range of Korean academic institutions.

During his presentation, Dr. Ali Alnaqbi briefed the delegation on ADPoly’s mission, history, facts and figures, as well as other achievements.

The delegation in return commended ADPoly for its contribution to upgrading the quality of technical and vocational higher education in the UAE. They also welcomed the idea of cooperation in various technological fields.

At the end of their visit, the delegation was given a tour of ADPoly to learn about its facilities. Finally, they met with some students from the college who showcased their engineering projects.

ADPoly Senior Management

Abu Dhabi Campus, from left to right
Dr. Nedal Ababneh
Head, Information Security Engineering Technology
Dr. Anthony Mechanova
Head, Advanced Energy Engineering Technology
Dr. Seyda Tilev
Head, Meteorology
Dr. Ali Alnaqbi
Director, Abu Dhabi Polytechnic
Prof. Dr. Mufeed Batarseh
Head, Academic Support Department
Dr. Antonio L. Mateo Jr.
Head, Petroleum Engineering Technology
Dr. Osama Hassan
Head, Electromechanical Engineering Technology

Senior Management, Al Ain Campus
Dr. Beshara Sholy
EASA Training Manager
Prof. Murad Al-Shibli
Head, Department of Aircraft Engineering Technology
Dr. Shaaban Ali
Head, Department of Aircraft Maintenance Technology
Dr. Valentina Gargalic
Quality Assurance Manager
Mr. Mohamed Al Muhairi
Manager, Student Services, Al Ain

A few words from the editorial team

We sincerely hope you enjoyed reading this first issue of the newsletter, and we hope we successfully achieved our aim of being the voice for ADPoly, representing all faculties. We look forward to receiving your comments and feedback.

Prof. Dr. Mufeed Batarseh (Chair)
Dr. Bashar Abu Shunnar (Editor)
Mr. Aaron McCully (Editor)