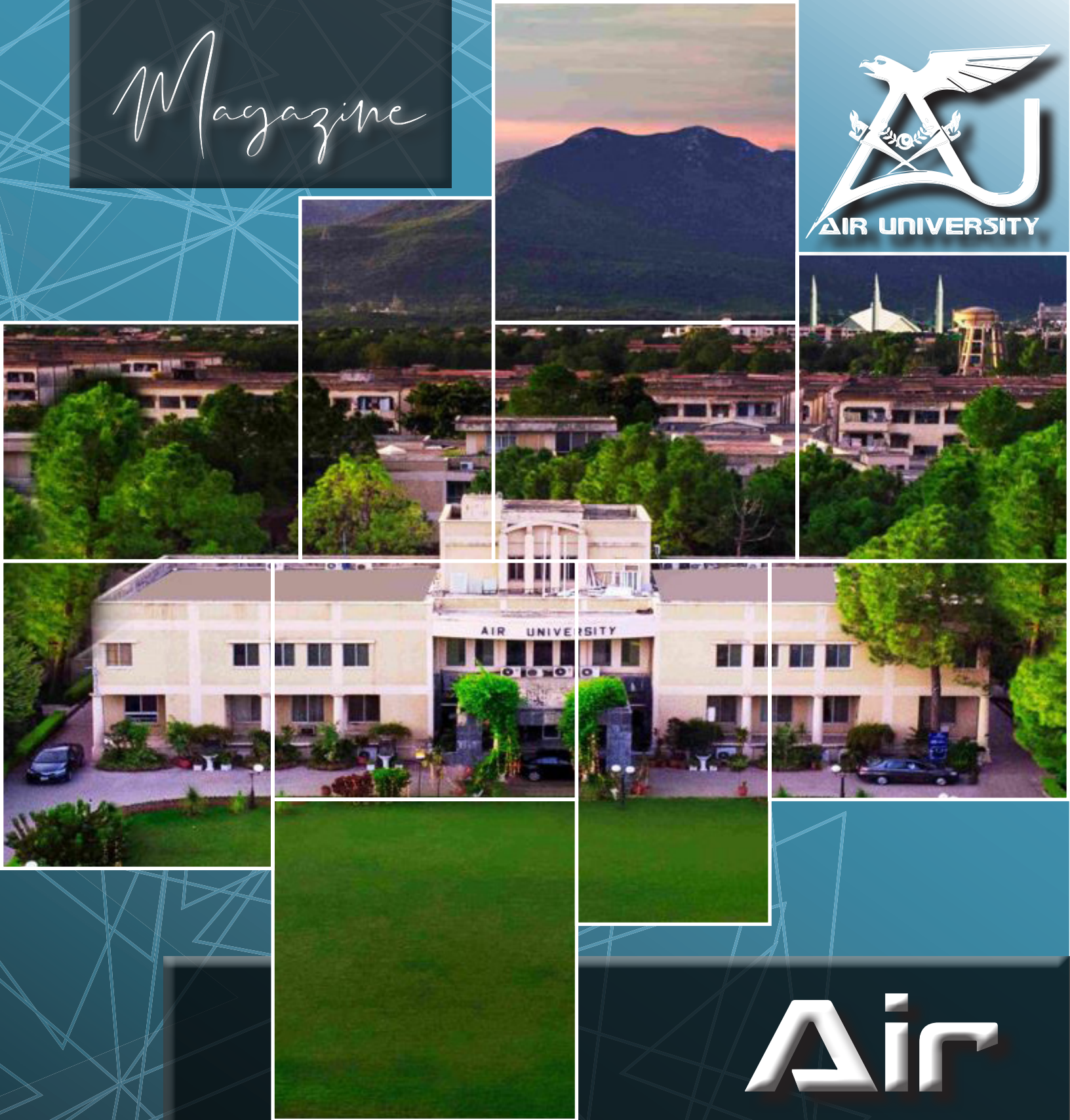


Magazine



# Air University

Air University Islamabad

Contact: 051-111-247-864

Website: [au.edu.pk](http://au.edu.pk)

Address: Main Campus PAF Complex E-9 Islamabad.







**AIR MARSHAL  
JAVAID AHMED, HI(M) (Retd)**



“

Air University stands as a distinguished institution renowned for its unwavering commitment to excellence in the higher education. Through the rigorous academic programs, distinguished faculty, and state-of-the-art facilities, the university empowers students to embark upon a transformative journey of learning, equipping them with the knowledge and necessary skills. The academic year 2022-2023 marked a significant milestone for Air University as through meticulous planning, rigorous health and safety protocols, and a steadfast commitment to its academic mission, the university achieved a remarkable and seamless transition back to in-person operations following the unprecedented disruptions caused by the COVID-19 pandemic. Moreover, Air University has made significant strides in enhancing its infrastructure, dedicated to providing students with resources and a comfortable campus experience that have positively impacted the overall learning environment.

AU emphasis on quality of education and research is aligned with its broader mission to address contemporary challenges and contribute meaningfully to the higher education. By leveraging interdisciplinary collaborations, forging partnerships with industry and academia, and fostering an inclusive learning environment, AU aspires to produce well-rounded graduates who possess not only academic excellence, but also the necessary skills and perspectives to thrive in a complex and interconnected global landscape.

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# AU

# GOVERNANCE

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**TRANSPARENCY IS THE KEY TO GOOD  
GOVERNANCE**

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## Air University Governance System

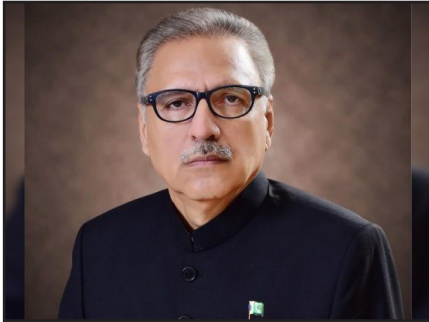
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Air University's governance system reflects its commitment to excellence, integrity, and the holistic development of its students. Through a well-defined structure and participatory decision-making processes, AU fosters a culture of transparency, accountability, and inclusivity. This governance framework enables AU to adapt to the evolving educational landscape, uphold academic standards, and nurture a dynamic learning environment. AU's commitment

to effective governance ensures that it remains at the forefront of educational innovation, producing graduates who are equipped to meet the challenges of the future.

01

**President of Pakistan**  
**Dr. Arif Alvi**  
**Patron**



02

**Air Chief Marshal**  
**Zaheer Ahmad Babar**  
**Chairman BOG**



03

**Chairman HEC**  
**Dr Mukhtar Ahmed**  
**Chancellor**



04

**Air Marshal (Retd)**  
**Javaid Ahmed**  
**Vice Chancellor**



#### **Main Bodies**

- **Board of Governors**
- **Executive Committee**
- **Academic Council**
- **Faculty Board of Studies**
- **Financial & Planning Committee**

#### **Air University Stakeholders**

The strength of Air University lies in its stakeholders who collectively contribute to its growth, reputation, and impact. Students, faculty, staff, alumni, industry partners, and the community form a powerful network of individuals committed to advancing knowledge, fostering innovation, and shaping the leaders of tomorrow. AU's stakeholders exemplify the spirit of collaboration, excellence, and service, making a lasting difference in the lives of stu-

dents, the university, and the wider community. Together, they empower the future, driving AU's mission of academic excellence, innovation, and societal transformation.







## Our Vision

Air University aspires to be among the leading national universities, excelling in teaching, learning, research, innovation and public service.

## Our Mission

The mission of Air University is to achieve excellence in teaching and research for producing graduates with sound professional knowledge, integrity of character, a keen sense of social responsibility and a passion for lifelong learning. The University shall stand committed to creating an environment conducive for attracting the best students, faculty and supporting staff for contributing to the development of a prosperous, peaceful and enlightened society.

# 1

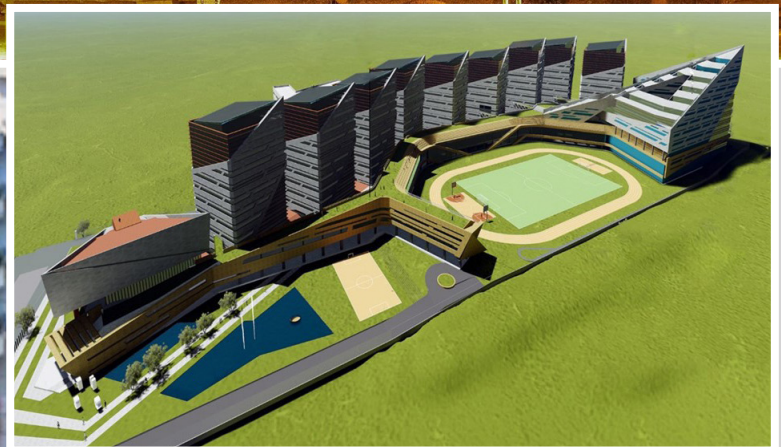
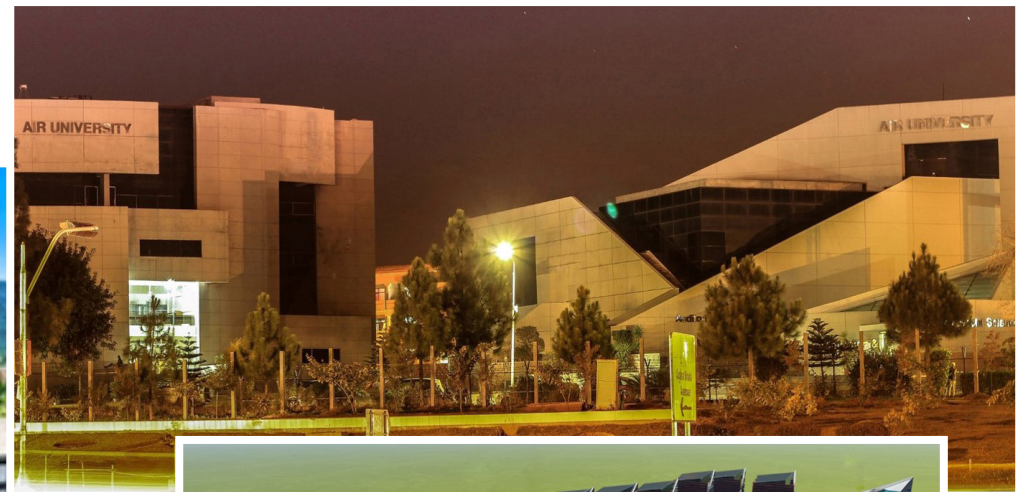
We have four-sub campuses campus

# 2

We have five affiliated colleges

# 3

We have two constituent Colleges





## Registrar



I extend a warm and profound welcome to our prospective scholars as they embark on their academic voyage at Air University. Our institution stands unwaveringly committed to the relentless pursuit of excellence in the realms of pedagogy, research, and community engagement, all within an ecosystem that nurtures creativity, cultivates innovation, and facilitates the assimilation of

## Director ORIC

Under the auspices of the Higher Education Commission (HEC) of Pakistan, the Office of Research, Innovation & Commercialization (ORIC) was established at Air University, Islamabad, in January 2011, officially registered in August 2013.

Aligned with Air University's overarching vision, which envisions the institution as a prominent national university excelling in teaching, learning, research, innovation, and public service, AUORIC has diligently worked to bridge the gap between Air University's research entities, HEC, and other national and international research funding bodies.

Air University's ORIC is committed to securing a substantial number of Research and Development projects that offer mutual benefits to both Air University and its project partners. The research outcomes from Air University have consistently met the requirements set by governmental bodies and have contributed to the socio-economic progress of Pakistan.

Our office has cultivated robust connections with key stakeholders and is actively nurturing a diverse range of potential business ideas across various academic disciplines, proposed by our students. AUORIC has achieved notable success in securing research grants from HEC, as well as from other esteemed research funding organizations such as IGNITE, Pakistan Science Foundation, British Council, Ministry of Science & Technology, and numerous other sponsors.

We are dedicated to fostering an entrepreneurial culture among Air University's faculty and students, one that not only meets but exceeds the evolving demands of Pakistan's job market. To instill this entrepreneurial mindset, AUORIC has been proactively organizing a wide array of seminars, workshops, and training sessions on entrepreneurship. AUORIC proudly assumes its role in leveraging Air University's innovations to enhance industry competitiveness, thus becoming a catalyst for research and economic ad-

cutting-edge professional erudition.

The tapestry of tomorrow is intricately woven with the threads of young minds. At Air University, every endeavor we undertake in the pursuit of academic preeminence is driven by a singular aspiration: to erect a robust foundation for a resplendent future for our burgeoning youth.

We are resolute in our dedication to affording our students access to superlative resources. Students are not merely beneficiaries but also active participants in this journey. They are bestowed with guidance, mentorship, and bountiful opportunities to manifest their talents across diverse academic disciplines and associated arenas. These avant-garde facilities find synergy with our cadre of truly ardent and devoted faculty members. Their unwavering commitment is channeled towards the advancement of our institution's knowledge economy. They accomplish this by imparting knowledge of the highest calibre, engaging in pioneering research endeavors aimed at addressing global predicaments, and not only conceiving cost-effective and sustainable solutions but also providing sagacious direction to society, thereby preparing it to confront the challenges of an unfolding future.

I extend an invitation to you to immerse yourself in the remarkable facilities that Air University has to offer and assume the role of a torchbearer for the upcoming generation, leading them towards a luminous and prosperous future.

Our objective is to nurture these young minds through innovative and creative ideation. This pedagogical approach serves not only to imbue them with fervor but also to designate them as harbingers of prosperity, architects of success, and champions of regional development. We firmly believe that by nurturing their intellectual curiosity, we empower them to make meaningful contributions, not only to our society but also to the broader global landscape.

As you embark upon this transformative odyssey with us, I extend my most heartfelt felicitations and unwavering support. I fervently anticipate the celebration of your future triumphs, which, I am confident, will be manifold and profoundly impactful.

vancement in Pakistan. Additionally, our office curates a diverse portfolio of events, including conferences, seminars, workshops, and industrial visits, aimed at cultivating leadership skills and fostering camaraderie among our students.





## Director CPD



Our steadfast dedication to nurturing a culture characterized by perpetual learning and the advancement of professional competence has left an indelible mark on our institution. Through the realization of our strategic vision and concerted endeavors, we have successfully forged an environment that extends valuable opportunities for honing skills and fostering personal growth, catering to the needs of our esteemed faculty, dedicated staff, and our ambitious student body.

Our pioneering approach to the formulation and execution of training programs and workshops has not only ensured that our university's workforce remains abreast of the latest trends in their respective industries but has also served as a catalyst for individuals to unleash their inherent potential, enabling them to attain the zenith of their capabilities.

Furthermore, our unwavering passion for cultivating a collaborative and inclusive milieu for learning has made a substantial contribution to the overarching triumphs of our institution. Our openness to solicit, adapt, and implement novel concepts and strategies has generated a positive transformative effect in the lives of many.

## Director HR

Our pivotal role resides in the cultivation of a work environment that is not only positive but also highly conducive to productivity, benefiting not only our esteemed faculty, but also our dedicated staff and administrators. It is noteworthy to commend our unswerving dedication to the recruitment of the most exceptional talent, the nurturing of their professional development, and the unwavering commitment to safeguarding the well-being of our university's invaluable human resources.

The relentless endeavors undertaken by our team, aimed at the optimization of HR processes, the enhancement of employee benefits, and the steadfast promotion of diversity and inclusion, have not escaped recognition. Our collective efforts have been nothing short of instrumental in weaving together a harmonious and highly motivated workforce, an indispensable element that lies at the core of our institution's success.

## Director Exam



Our unwavering commitment to smooth and efficient examinations ensures student success and institutional integrity. Our meticulous planning and attention to detail are commendable.

Our team upholds high standards of fairness, security, and accuracy in our examinations.

We excel in managing complex logistics, even amid unprecedented challenges. Our innovative approach and technology adoption set a model for efficiency in the exam department.

## Director P&D



our capacity for strategic foresight, our meticulous approach to planning, and our adept execution of multifaceted projects have played a pivotal role in propelling our university towards a trajectory of unprecedented growth and enduring success.

It is imperative to recognize that our visionary leadership in the realm of planning and development is not just significant but paramount to the future trajectory of our university. Our unwavering dedication to shaping a vibrant academic environment is not only highly valued but also instrumental in shaping the course of our institution's future.



## Director ACAD

Our visionary guidance and dedication to scholarly excellence have significantly enriched our academic environment. Our institution has flourished, setting new benchmarks for educational distinction.

Our innovative strategies in curriculum development, faculty mentorship, and student engagement have fostered a culture of intellectual curiosity and achievement. Our commitment to academic rigor and passion for cultivating a transformative learning experience are evident in every facet of our educational programs.



## Director QEC



As we continue to strive for excellence, I would like to take this opportunity to discuss some important aspects of our institution's history and the requirements that are fundamental to our efforts to raise the bar for quality. Ongoing evaluation is necessary to fulfill our commitment to providing high-quality instruction and creating a supportive learning environment. One essential instrument that assists us in identifying our areas of strength and progress is the Institutional Performance Assessment. Your commitment to this process and your active participation are essential to our success as a team. The self-assessment reports provide us with a chance to reflect on ourselves. They make it possible for us to consider our successes, setbacks, and goals for the future.

I urge every department to pursue this process with seriousness and provide insights that will help our institution as a whole. Audits function as a means of guaranteeing accountability, openness, and conformity to the highest standards. ... It is essential that you cooperate with these assessments. Let us take the audit results as helpful criticism to drive our ongoing develop-

ment. Our combined efforts are reflected in our institutional ranking.

Through unwavering dedication to quality in teaching, research, and community involvement, we may establish ourselves as a preeminent establishment on a national and global level.

The Pakistan Qualification Register Portal offers a thorough structure for identifying and validating academic qualifications. To ensure correct credential validation, I urge all parties to make use of this resource.

Our dedication to fulfilling and surpassing certification requirements is a reflection of our quest for quality. Your assistance is essential as we get ready for accreditation body audits, and you must adhere to these requirements. These audits should be viewed as chances for introspection and improvement.

Any form of harassment undermines the principles we stand for. I urge all members of our community to be vigilant, report concerns, and actively contribute to fostering a culture of respect and inclusivity. Ensuring a secure and courteous atmosphere is our first responsibility.

As we continue with online classes, let us ensure that the virtual learning experience is as enriching and engaging as our traditional classrooms.

We cannot emphasize enough how important it is that we adopt and encourage eco-friendly practices currently when sustainability is everything. Let us include sustainable practices into our day-to-day activities to make a good influence on the community and the environment.

The foundation of progress is open communication. I urge academic faculty, Staff and students to take an active role in offering cooperative suggestions. Your advice is helpful in determining our institution's future course. It is imperative that we modify our policies to conform to our vision and goal as we progress.

Turnitin is a valuable tool that we can use in our quest for academic honesty. To maintain the highest levels of originality and scholarship in our academic endeavors, faculty members must embrace and utilize Turnitin effectively as per our SOPs

Our dedicated teams are devoted to collaborating to create new policies that really embody our ideals of excellence and innovation.

Together, let us establish an environment that surpasses the expectations of our stakeholders while also meeting their needs. Your tenacity and dedication have been key factors in our success.

## Dean Graduate Studies

Research at Air University conducted by Faculty Members, and Graduate students enrolled in PhD and MS Programs, encompasses cutting-edge technologies in the applied sciences and engineering, avionics, social sciences, management sciences, cyber security and artificial intelligence.

The Air University Journal of Graduate Research (AUJoGR) has been initiated to provide a platform for Graduate Researchers; I would welcome you to submit your work on the prescribed Template. I hope this will be an important window to the world for you. Looking forward to your contributions!

In management sciences, research is being conducted in Finance, Management, Marketing and HR while in the social sciences, the focus is on applied linguistics, literature and psychology

The University hosts the National Centre for Cyber Security (NCSS) where applied systems in networks and forensics are developed. Other active groups are involved in advanced compact energy systems, automation, prosthetics and brain-computer interface.



The Faculty of Graduate Studies is your gateway to making contact with our research programs. You are invited to learn more and visit the webpages of the various different departments at AU.

For prospective students, enrolled in PhD and MS programs, this page links you with Air University's graduate programs and research in progress by faculty members and PhD scholars as well as MS students. In case a research topic interests you, it is best that you go to the department link where individual faculty member pages will give you more detail. A PhD is all about finding the supervisor that matches your interests, so as a first step, you could go into the department pages and establish contact. The Office of Graduate Studies welcomes you to a graduate program at Air University where we have a conducive environment for higher studies, an elaborate information resource infrastructure as well as a beautiful green campus in the picturesque capital city of Islamabad. I assure you this will be a worthwhile undertaking which you will remember with happiness all your life.

For students currently enrolled in a MS/PhD program, this page gives you links to all Graduate research and documents such as Forms for the various stages in your research including formation of the Graduate and Evaluation Committee, Proposal Defence and Final Defence. Also available are Policy documents pertaining to MS and PhD programs and AU Standardized PhD/MS Thesis template as well as a Guide for PhD Supervisors.

In case of any further queries, the Office of Graduate Studies is always available to facilitate and guide you in whatever questions you may have about your possible graduate pathways

### Director ICO

International Cooperation office (ICO) was established in Air University in 2008. Internationalization of higher education; research and innovation systems is at the core of educational quality enhancement.

The International Cooperation Office (ICO) has a proactive take on the added significance and importance of ongoing globalization. It has diversified, in terms of formats -- including personal exchange, data exchange, bilateral workshops, international conferences, joint research centers, project base joint research groups, joint laboratories - the global outreach of the university. It has made industrial linkages for transnational research and technology transfer with a number of international universities.

The management at Air University also realizes that International educational cooperation is a means for enhancing and fostering an international atmosphere on the university's campuses,



thus promoting personal growth, tolerance and understanding of global responsibility among university members.

### Director Admin

The admin department role in overseeing the intricate web of administrative functions is pivotal in ensuring the smooth and efficient operation of our institution. Our dedication to creating an environment that fosters productivity, efficiency, and a sense of community is truly commendable.

The meticulous attention to detail, tireless effort, and unwavering commitment exhibited by our team have not gone unnoticed. Through our collective endeavors, we have played a key role in streamlining processes, enhancing services, and upholding the highest standards of professionalism in university administration.

Our ability to navigate complex challenges, adapt to evolving needs, and implement innovative solutions has been a source of strength for our university. Our forward-thinking approach to administrative management and our commitment to creating a workplace that values every individual's contributions are exemplary.



### Director Finance



Our commitment to financial integrity and resource allocation has been exemplary. The diligence and innovation displayed by our team in financial management are commendable. Our adept handling of complex financial challenges underscores our strength in this domain.

Our forward-thinking approach and dedication to prudent financial stewardship are invaluable. Our leadership in this area is fundamental to our university's stability and growth.



An abstract graphic featuring a complex network of white dots of varying sizes connected by thin white lines, set against a dark blue background. The network is denser on the left side and fades towards the right. The text is positioned in the upper right quadrant.

**Connect with the World,  
Explore and Discover New  
Horizons**



# ONE WORLD ONE CONNECTION

## Emerging Technologies - Impact on Conventional & Nuclear Strategy

The Faculty of Aerospace and Strategic Studies (FASS) at Air University, Islamabad, organized an international conference on the theme "Emerging Technologies - Impact on Conventional & Nuclear Strategy" in collaboration with the Strategic Vision Institute (SVI). Senior members of the media, government, and academics attended the event. Over 200 people antedated the conference with 150 students from different universities in Islamabad and other locations were present.

## 2nd Annual Conference on National Security – Conceptualizing National Security Framework: Challenges and Options (23rd November, 2022)

The Faculty of Aerospace and Strategic Studies (FASS) at Air University, Islamabad, held its 2nd Annual Conference on National Security titled 'Conceptualizing National Security Framework: Challenges and Options' on Wednesday, 23rd November. Senior representatives of the academia, government, and diplomatic corps as well as more than 100 students attended the one-day conference from major universities in the Islamabad and Rawalpindi area. The Vice Chancellor of Air University Air Marshal (R) Javaid Ahmed gave welcoming remarks on the importance of conceptualizing a National Security Framework.

## Air University Student participation in Erasmus+ student exchange program 2022, at Anadolu University, Eskisehir, Turkey

AU team comprising of 6 students from AUSOM (Rimsha Zahoor, Hannan Waheed, Daniyal Innaya, Hafsa Shuja, Muneeba Malik, and Muhammad Sami) participated in Erasmus+ student Exchange program at Anadolu University Eskisehir, Turkey in spring semester 2022 for 5 months.

## In remembrance of Kashmir Solidarity Day

AU Music Society organized a solidarity gathering to promote peace and harmony in Indian occupied Kashmir. The event featured songs, poetry and articles that shed light on the plight of our oppressed Kashmiri brothers. Held on February 15, 2023, the AU Arena became a platform for students to raise their voices against oppression and advocate for peace in Kashmir. The event concluded with a prayer for the earthquake victims in Turkey and Syria, as well as for the Kashmiri people facing hardships and loss.







*"The quality of assessors is critical to the quality of the assessment result"*



## We Audit With Integrity And Precision

Quality Enhancement Cell (QEC) has been established at Air University since October 2010. QEC is responsible to promote higher standards of education and research in the university and develop quality assurance processes and evaluation standards

### Institutional Performance Evaluation (IPE) Audit

Every year, Air University conducts institutional performance evaluation to assess the institution's performance in terms of faculty, students, staff, administration, and academia in order to meet the standards of higher education in Pakistan based on its 11 standards. Additionally, Air University compiles the university performance report (UPR) and university-wide data, which is a statistical portion, based on 7 HEC prescribed performatives, for the yearly progress report (YPR).



### MS and PhD Program Review Audit

We evaluate the programs performance each year to identify any unrecognized or unresolved issues in accordance with regulatory and accreditation bodies because Air University believes that all programs at the graduate, and doctoral levels should be uniform.



## Building Trust Through Accurate Quality Systems

### Self-Assessment Audits

Self-Assessment Reviews (SARs), which are carried out by the Air University Quality Enhancement Cell (QEC) team along with specialized teams to assess academic programs in each department, teaching strategies, and research practices. Faculty members are involved in corrective action following the presentation of Deans and Chairpersons with observations and conclusions from SARs. The Quality Enhancement Cell (QEC) presents the Vice Chancellor with an executive report that includes a summary of the SAR findings. The report outlines the strengths, weaknesses, and recommendations found throughout the evaluation process. This procedure within the institution promotes openness, faculty involvement, and continual improvement.





# EXPLORING THE TRANSFORMATIVE POWER OF THE DIGITAL WORLD: **IMAGINE THE POSSIBILITIES**



## Digital Innovations in healthcare for a brighter future

Digital healthcare innovations are transforming the way we deliver, access, and manage healthcare services. From

telemedicine and wearable devices to artificial intelligence and blockchain, these technologies offer unparalleled opportunities to improve patient care, enhance clinical outcomes, and drive efficiency in the healthcare industry. Embracing digital healthcare innovations can lead to a more patient-centric, accessible, and sustainable healthcare system. As we continue to explore and embrace these innovations, we have the potential to revolutionize healthcare and improve the well-being of individuals and communities worldwide.

## Training on KAMYAB Jawan on Digital Marketing

To promote the understanding of digital marketing, Air University held a workshop





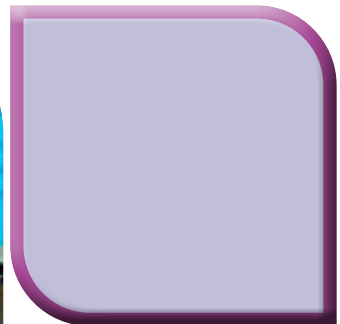
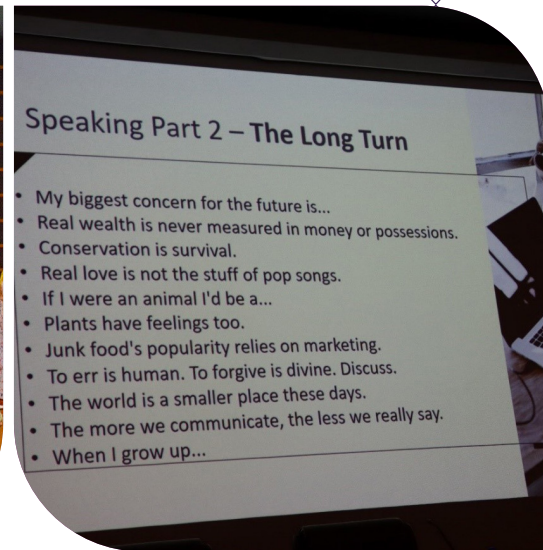
# Innovation

*distinguishes between a leader and a follower*

for students, employees, and teachers on the topic. We conducted a series of in-depth training workshops on digital marketing to provide our students, instructors, and staff with the necessary information and abilities. These seminars are designed to equip participants with the knowledge, skills, and resources they need to succeed in the digital world and have the greatest possible impact.

## Gaming Conference

Air University conducted the gaming conference for the students to celebrate the vibrant world of gaming and provide a platform for students to explore, learn, and connect with like-minded individuals. This conference aims to bring together gaming enthusiasts, industry professionals, and aspiring game developers to delve into the immersive world of gaming and unleash their creativity and passion. Get ready to level up your gaming experience!





# Bring Refinement with Management

## **Entrepreneurship on the Heights: Achieving Greatness through Entrepreneurial Thinking**

In February 2023, a group of aspiring entrepreneurs embarked on an entrepreneurial trip to the National Incubation Center (NIC) in Islamabad, organized by Dr. Saad. This exciting journey provided a platform for students to explore and immerse themselves in the world of entrepreneurship.

The entrepreneurial trip to the NIC in Islamabad proved to be a transformative experience, fueling the passion and enthusiasm of the participants to pursue their own entrepreneurial endeavors. By witnessing firsthand the vibrant startup ecosystem and engaging with like-minded individuals, students were inspired to think creatively, identify opportunities, and develop the skills necessary to thrive in today's competitive business landscape.

## **- High Achievers' Ceremony**

AUSOM held a certificate distribution ceremony on Monday, May 29, 2023, at 1 pm in the AUSOM auditorium. The purpose of the ceremony was to recognize and reward students for their outstanding academic achievements.

The event was attended by faculty members from all three departments of AUSOM, as well as the Dean, who were present to acknowledge the students' efforts and provide encouragement.

During the ceremony, the Dean of AUSOM congratulated the high achievers and delivered a few words of appreciation. This ceremony served as a platform to celebrate the accomplishments of these exceptional students and inspire others to strive for excellence.



## **- Industrial Visit to “Jazz Mosafir, Weatherway, FitFlex, Switch Solutions, Farm to home and Bakhbar Kissan”**

Air University's School of Management provided a valuable learning opportunity to BBA 8 A & B students specializing in Marketing. These students had the privilege of participating in a hands-on industrial visit, allowing them to gain practical exposure to real-time workplace settings and interact with professionals in the field. The event, organized by Ms. Amna Aslam, a Lecturer in the Department of Business Studies at AUSOM, took place on Thursday, May 4th, 2023.



# *Small Businesses Generate 80-85% of New Jobs*



During the visit, students had the chance to explore a range of innovative startups operating in the fast-paced business environment. The participating startups included:

- Jazz Mosafir
- Weatherwalay
- Bakhbar Kisan
- Fitflex
- Switch Solutions
- Farm to Home

This diverse selection of startups offered students a unique opportunity to discover new branding strategies, gain insights into the latest tools and techniques, and experience firsthand the dynamic nature of these businesses.

By immersing themselves in the workplace environment and engaging in interactions with industry professionals, the students acquired practical knowledge that complemented their classroom learning. This exposure to real-world scenarios and industry best practices will undoubtedly prove invaluable as they prepare for their future careers in the field of marketing.

The industrial visit not only provided a platform for learning but also fostered networking and potential collaboration opportunities. It allowed the students to forge connections with these startups, paving the way for potential partnerships and future endeavors.

Overall, the industrial visit organized by Air University's School of Management showcased the institution's commitment to providing students with practical learning experiences that bridge the gap between theory and practice. Such initiatives enable students to develop essential skills and gain a deeper understanding of the intricacies of the business world, equipping them for success in their professional journeys.





# AU

## Cultural Heritage

### *Culture Unites Us All*

#### Heritage is a gift from the past to the present

Cultural heritage is an invaluable treasure that reflects the rich history, traditions, and identity of societies worldwide. We organize exhibitions, public lectures, and workshops, providing a platform for the community to interact with and learn from these invaluable artifacts. By hosting events, we foster a sense of cultural appreciation and encourage dialogue between scholars, students, and the public. These initiatives bridge the gap between academia and society, ensuring that cultural heritage remains accessible and relevant to all.

#### Departmental Dramatics and Singing Competition

Intra-departmental dramatics and Singing competition delivered an exceptional blend of talent, creativity, and craftsmanship. It showcased the dedication and hard work of the actors, directors, and production team, who successfully transported the audience into a world of imagination and emotion.



#### Love and Life

To create awareness among the youth about the concepts of right and wrong in relationships, provide guidance, and help the audience navigate their intimate relationships based on Islamic principles and psychological understanding.



#### PSL Final Match Live Streaming

The PSL Final Match Live Streaming event organized by the Air University Security Society successfully achieved its objectives of raising funds for the Turkey Earthquake 2023 Victims, providing entertainment for the Air University community, and creating awareness about the significance of co-curricular activities



**Air Fest 2023**, organized by the Air University Cultural and Art Society (AUCAS), was an inter-departmental competition aimed at fostering healthy competition, promoting interaction among students from different batches, and providing a fun co-curricular activity





# M.S.

## Gender Equality: Strength has No Gender

Our Female student at Air University Kamra Sub Campus was chosen to be the club's leader because she was passionate about making a difference, fostering communities, and acquiring new technologies.

### When the sun rises, it rises for everyone

#### Women in STEM

According to the data, Air University has a significant proportion of female students who are majoring in STEM subjects. This has illustrated the progressive approach to the university and society's welfare.

#### Air University Champion Trophy: Breaking down gender barriers

The Air University Champion Trophy encourages both male and female students to take an active part in a variety of disciplines. The competition establishes a fair

playing field where students may demonstrate their abilities and passion regardless of their gender by offering equal opportunities.

#### Product Design and Development for Amazon

We always believe that the finest motivating speakers, regardless of gender, can bring out the best in the students, staff, and faculty members. Anyone who can do this is always welcome to join the team. We invited Miss Fiza Khalid to speak as a motivational speaker since she was an expert in e-commerce and a certified trainer for Ali Baba's business-to-business (B2B) in Pakistan. She addressed the complicated process of how to launch a new product on Amazon.

#### Comsats Business Case Competition (CBCCC)

In a case study competition organized by Comsats on

May 24 and 25, 2023, one of our Female BBA students from Air University's school of management took first place.

"

#### Understanding drivers of brand love - the role of personalized Ads on social media

SZABIST Islamabad Campus organized the prestigious "Three Minutes Thesis Competition" (3MT) on December 21, 2022, to provide a platform for researchers to showcase their ideas and contribute to society. Participants from across Pakistan presented their research projects, and Ms. Sana Sadiq, a Marketing PhD Scholar at Air University, stood out with her outstanding presentation. Under the guidance of Dr. Saman Attiq, she presented her innovative research proposal, earning the first prize and a cash reward for her exceptional performance.







***As More and More Artificial Intelligence Is Entering Into  
the World, More and More Emotional Intelligence Must  
Enter Into Leadership***



# Roadmap for ARTIFICIAL INTELLIGENCE

Our students engage in a wide range of AI development projects, allowing them to apply theoretical concepts to real-world scenarios. These projects cover various domains, such as healthcare, finance, transportation, and more. By working on these projects, students gain practical experience in data analysis, machine learning algorithms, natural language processing, computer vision, and other key AI techniques. They learn how to collaborate effectively in multidisciplinary teams, harnessing the collective intelligence to tackle complex challenges. By participating in AI development projects, students enhance their project management and communication skills, enabling them to deliver impactful solutions in a professional environment.

## ***Envision the Future, Enabled by AI: Revolutionizing the Way We Think and Work.***

Air University (AU) is at the forefront of establishing and expanding the artificial intelligence (AI) industry in Pakistan, aligning with global trends. With a strong focus on addressing the unique challenges of Pakistan and fostering knowledge-based economies, AU aims to become a leading center for AI innovation and scientific research. To accomplish this, AU has introduced comprehensive degree programs at the undergraduate (BS), postgraduate (MS), and doctoral (Ph.D.) levels, specifically dedicated to AI studies.

In addition to offering specialized AI degree programs, AU recognizes the interdisciplinary nature of AI and its potential to revolutionize various fields. Hence, AI is integrated into different departments at AU, fostering collaboration and driving innovation across disciplines. Departments such as Electrical and Computer Engineering, Mechatronics and Biomedical Engineering, Creative Technologies, Cyber Security, Computer Science, Strategic Studies, and Fazaia Medical College work together on research and development projects, leveraging AI in a multidisciplinary capacity to create groundbreaking solutions.

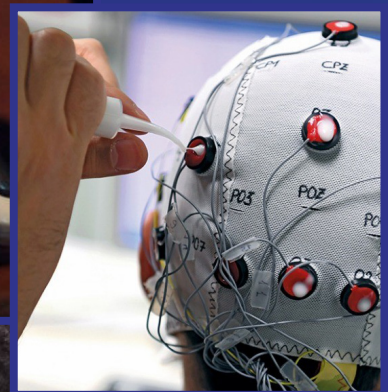
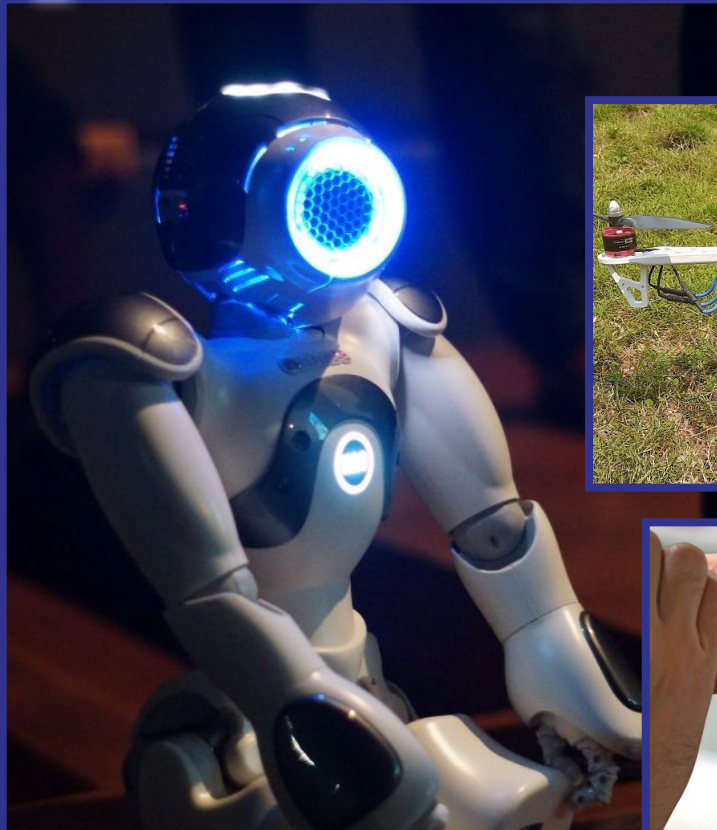
Collaboration in AI-related research at AU encompasses a wide range of areas, including computer vision, biomedical signal and image processing, health informatics and rehabilitation, medical imaging, human behavior cognition and understanding, precision agriculture, remote sensing, big data analytics, robotics and automation, augmented and virtual reality, gaming and mul-

timedia, information security and person identification, access control, surveillance, and authorization, natural language processing, and brain-computer interface. By exploring these domains, AU aims to address critical societal challenges and drive technological advancements in Pakistan.

To foster knowledge dissemination and create awareness about the applications of AI in diverse fields, AU

## ***Advancing Human Potential beyond Boundaries.***

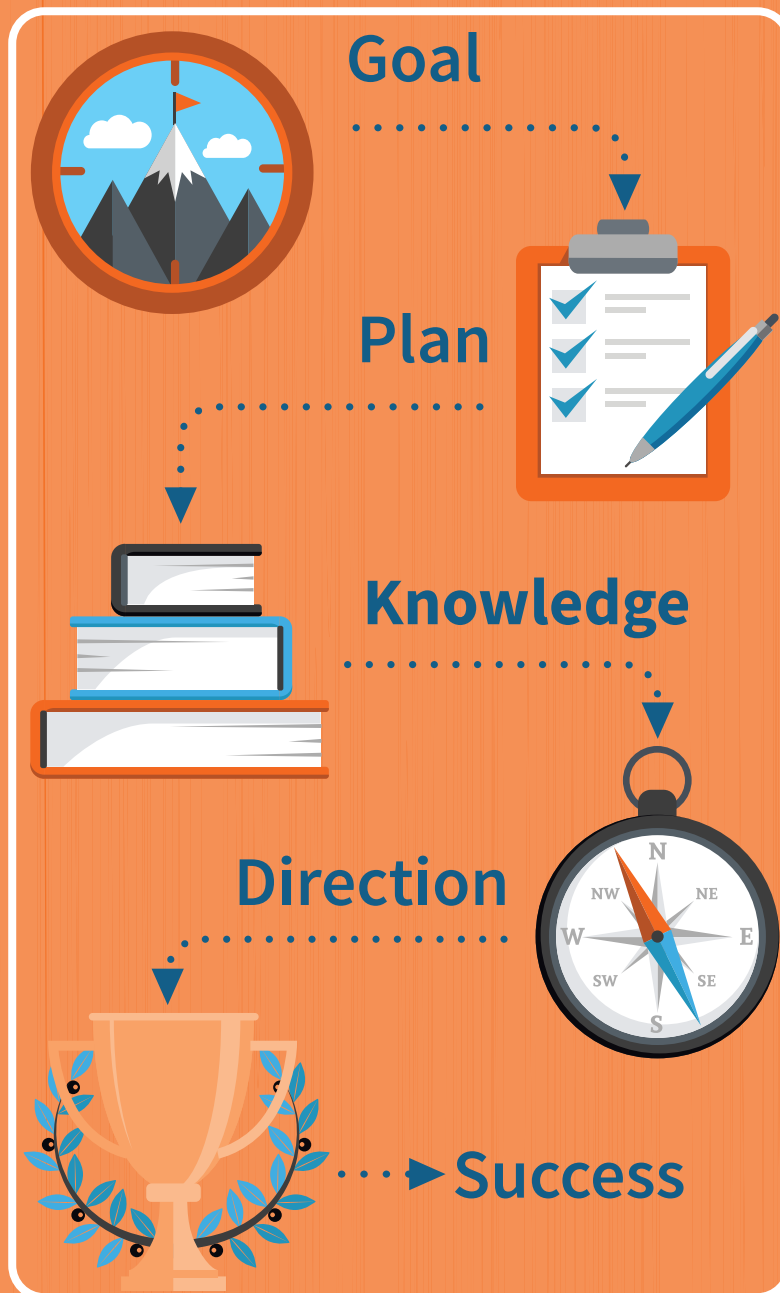
Air University, students are actively engaged in various AI projects, harnessing the power of artificial intelligence to tackle real-world challenges and drive innovation. These projects demonstrate the commitment of Air University to preparing students for the AI-driven future and equipping them with the skills needed to excel in this rapidly evolving field.





# AIR

# UNIVERSITY







# ***MAKING YOU A COMPETITIVE INDIVIDUAL***

## **Learn about our HR Systems**

The goal of this training event was to improve our teachers and staff's professional skills and capacities. Participants learned useful insights and practical strategies to excel in their respective roles through interactive workshops and stimulating discussions.

## **Training Session for Program Coordinators**

Air University is committed to fostering a culture of excellence and ensuring the success of our coordinators. To further enhance their skills and capabilities

Conflict Resolution and Problem-Solving: Coordinators often face challenges that require quick and effective problem solving. This session focused on developing conflict resolution skills, problem-solving techniques, Turnitin Problems, data submission issues, communication barriers and decision-making abilities to navigate complex situations with ease and professionalism.

## **New Faculty Orientation**

Air University's comprehensive new faculty training program equips educators with the necessary skills and knowledge to excel in their teaching roles. This training focuses on pedagogical strategies, innovative teaching methods, and effective classroom management, fostering an environment of academic excellence and student engagement.

## **Training Sessions Conducted by Continuous professional Development CPD**

Continuous professional training is a cornerstone of personal and career development. It empowers individuals to enhance their knowledge, skills, and capabilities, ensuring they stay at the



forefront of their respective fields. By actively engaging in ongoing learning opportunities, professionals can adapt to evolving trends, embrace new technologies, and broaden their expertise, ultimately fostering personal growth and success.



The image is a graphic design for an MOU. It features a large yellow circle in the top-left corner. The letters 'MOU' are in a bold, white, sans-serif font with a teal outline, set against a teal background. Below the letters is a teal arch. The right side of the image is divided into a dark grey arch and a white arch. The bottom is divided into a dark grey triangle, a white square, and a yellow square. A teal rectangle with a white border contains the text 'Working Together, Beyond Borders' in a white script font, flanked by double quotation marks.

# MOU

“  
*Working Together,  
Beyond Borders*  
”



# 01

## Kenyan Delegation

AU and the Turkish delegation aim to strengthen academic ties through joint initiatives. Collaboration opportunities include exchange programs for students and faculty, research collaborations, educational partnerships for joint degree programs, and cultural exchange programs to foster understanding and appreciation.



AU welcomed a delegation from National Defence University Kenya on August 24, 2022. AU discussed potential collaborations in Aerospace Strategic Studies and Information Technology, aiming for online research/teaching collaboration, incubation center collaboration, funding opportunities, and joint seminars/webinars (Ph.D. and MS programs FASS/FCAL).

# 02

## Turkey Delegation



# 03

## University of UK

The university management visited Air University to strengthen their relationship and persuade the student to enroll in the PhD programme.



To increase commercial engagement with global universities, Coventry University of UK and Air University have collaborated to promote the quality of education, teaching and research.

# 04

## Northwestern Polytech University China



# 05

## University of Essex

The collaboration between MindStorm and AU represents a significant step towards fostering an entrepreneurial mindset and cultivating a culture of innovation. It aligns with AU's commitment to providing students with a holistic and industry-relevant education. By leveraging MindStorm's industry expertise and AU's academic excellence, this partnership aims to empower students to become future technology leaders.



In collaboration with the University of Essex, Air University has created this useful platform to assist their faculty and students in better understanding global academic practices and research through University of Essex guest lectures.

# 06

## Mind Storm





# Let Your Educational Brilliance Shine with a Scholarship

## Scholarships and Financial Aid Support

Air University's scholarships reflect its unwavering commitment to empowering dreams and fostering academic excellence. Through these scholarships, AU strives to make quality education accessible to deserving students, irrespective of their background or financial constraints. By investing in the future leaders and innovators, AU is nurturing a community of scholars who will shape the world with their knowledge, skills, and passion. The scholarships offered by AU open doors of opportunity and transform lives, paving the way for a brighter and more inclusive future.

### **AU Sponsored MS & Ph.D. Programs**

AU pays back to society through Graduate Research Initiative Program. This program enables the students to take on professional challenges for excellent lead-

ership careers in academia and industry. This scheme offers the following benefits for selected candidates. It has three different schemes accordingly head of departments decides the scholarships based on students' performance.

**Educate to Innovate Scholarship Scheme** (Only for MS Information Security and MS Avionics Engg) This scheme offers Full and Partial fee waiver to students with bright academic record. Chance to work as apprentice in industry projects after 1st semester for students with bright academic record and relevant skills.

### **AU Need-Based Financial Grant**

Through this scheme, AU funds each semester needy students who face financial constraints ranging from 25% to 100% of tuition fee discounts. The range of discounts is determined based on an individual's financial circumstances.

### **AU Merit-Based Scholarship**

Air University offers Merit-based scholarships to all outstanding students enrolled in different undergraduate and graduate programs based on their semester results: (a) 1st Position Holder 50% Tuition Fee Waiver, 2nd Position Holder 40% Tuition Fee Waiver and 3rd Position Holder 30% Tuition Fee Waive.

### **PAF Ward concession & AU Employee Concession**

AU grants 25% tuition fee discount to PAF Wards and 50% discount to AU Employees and their wards.

### **Ehsaas Undergraduate Scholarship Project (EUSP)**

Ehsaas Scholarship program launched in 2019 by the Govt through HEC. Students with combined family income  $\leq$  45,000 per month can apply for this scholarship

at HEC portal and the scheme is announced every year. The selected candidates would get 10% Tuition fee waiver and Rs. 20,000 per semester stipend.

### **Fazaia Educations Welfare Scheme (FEWS)**

Other than 25% Tuition Fee discount PAF Wards studying at AU campuses can avail additional funding from FEWS ranging from 25% to 100%. They can also apply for Qarz-e-Hasana from FEWS.

### **Punjab Education Endowment Fund Scheme (PEEF)**

This scheme offers AU students avail 50% of Tuition Fee discount in each semester through PEEF as per the laid down criteria set by the Punjab Govt to sponsor the higher education of deserving students. Max income threshold is  $\leq$  Rs. 30,000 per month.

### **PM Tuition Fee Reimbursement Scheme**

Through this scheme students hailing from the less developed areas of Pakistan (Selected areas) can avail of funding opportunities at the Graduate and Postgraduate level from the Higher Education Commission (HEC).





# ACCREDITATION THAT EARNS TRUST

Accreditation is a mark of distinction that elevates Air University's reputation regionally, nationally, and even internationally. It signifies the institution's commitment to excellence and positions it among the ranks of other accredited institutions of higher learning. Accreditation demonstrates that Air University meets the highest standards of quality and is recognized as a trusted educational provider. This recognition attracts talented faculty, promising students, and potential partners, enhancing the institution's academic standing and fostering collaborations and exchange programs.

All of our master's and bachelor's degree programmes have received accreditation from the appropriate agencies. For instance, engineering programmes have received accreditation from PEC, computer programmes from NCEAC, business management programmes from NBEAC, and education programmes from NACTE.

**National Accreditation Council For Teaching Education NACTE Visit: Certify For A Brighter Tomorrow**

A team visited AU for accreditation of MPhil Education Zero Visit of B.Ed (Hons) Program. The Team was led by Pro-

fessor Dr. Mumtaz Akhtar from UMT Lahore including Dr Khalid Mehmood and Dr Huma Lodhi  
**Pakistan Engineering Council's Visit to Air University: Strengthening Collaboration and Promoting Excellence in Engineering Education**

Air University (AU) had the privilege of hosting a visit by the Pakistan Engineering Council (PEC), a regulatory body responsible for ensuring the quality of engineering education and professional practices in Pakistan. This visit served as an opportunity to strengthen collaboration between AU and PEC, while showcasing AU's commit-

ment to excellence in engineering education, research, and innovation.

During the visit, PEC representatives had the chance to witness firsthand the state-of-the-art facilities, cutting-edge research initiatives, and academic programs offered at AU. The visit included interactions with faculty members, researchers, and students, providing an in-depth understanding of AU's commitment to producing highly skilled engineering professionals equipped with the latest knowledge and expertise.

One of the key highlights of the visit was the tour of AU's engineering laboratories, where PEC representatives witnessed practical demonstrations of various engineering disciplines.

The PEC delegation also had the opportunity to engage in insightful discussions with AU faculty members and researchers. These discussions centered around emerging engineering trends, research projects, and industry collaborations. By sharing their expertise and experiences, AU faculty members demonstrated their dedication to advancing engineering knowledge and addressing critical engineering challenges faced by Pakistan.

The visit paved the way for future collaborations and mutual cooperation between AU and PEC, ensuring the continuous improvement of engineering education standards and the development of skilled engineering professionals in Pakistan.





# AU RANKING

ELEVATE YOUR STATUS,  
ACHIEVE GREATNESS

Welcome to the world of higher education rankings! the team of the Air University play a pivotal role in providing valuable insights and comparisons and continuously seek to evaluate and improve the quality of education. Among the most prominent and respected ranking systems are the QS World University Rankings, the Times Higher Education Impact Rankings, and the UI GreenMetric World University Ranking.

The QS World University Rankings is an influential and comprehensive system that evaluates universities across a wide range of criteria. It assesses academic reputation, faculty-to-student ratio, international diversity, employer reputation, research impact, and much more. QS Rankings are highly regarded world-



IN PAKISTAN

27<sup>th</sup>

IN PAKISTAN

15<sup>th</sup>





wide and serve as a reliable guide for prospective students seeking top-notch institutions.

The Times Higher Education Impact Rankings, on the other hand, take a unique approach by focusing on universities' contributions to the United Nations' Sustainable Development Goals (SDGs). This ranking emphasizes an institution's commitment to social, economic, and environmental sustainability, reflecting its dedication to creating positive global impacts and fostering responsible citizenship among students.

For universities dedicated to sustainability and environmental responsibility, the UI GreenMetric World University Ranking is the go-to benchmark. This ranking system specifically evaluates universities based on

Rank does not confer  
privilege or give power. It  
imposes responsibility.



**IN PAKISTAN**

**41<sup>st</sup>**

**REPORTER  
STATUS**



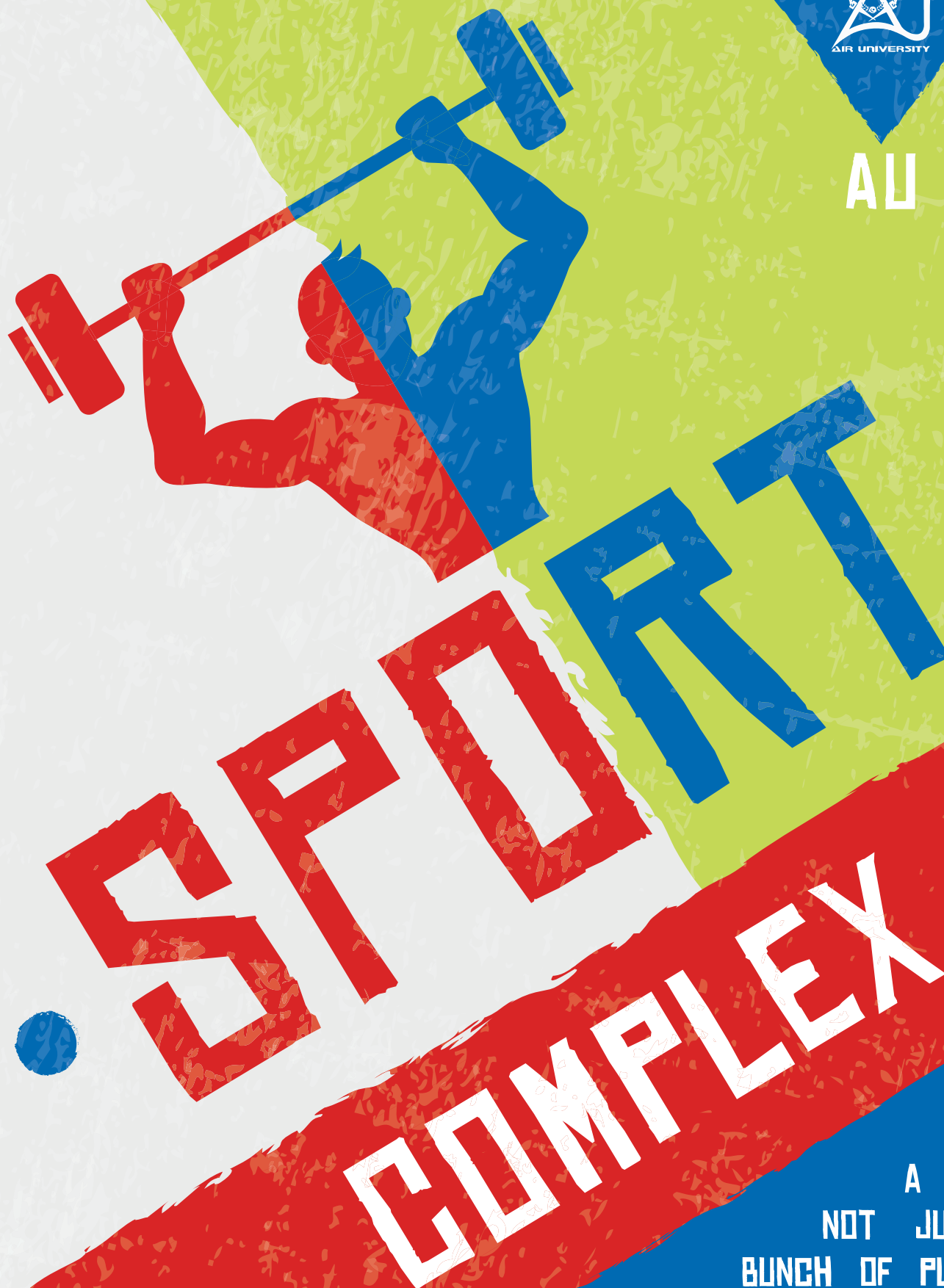
their eco-friendly policies, energy conservation efforts, waste management practices, and overall commitment to environmental sustainability.

By combining these three prestigious ranking systems, students, academics, and policymakers can gain a comprehensive understanding of a university's strengths and areas of excellence. These rankings not only facilitate informed decisions for prospective students but also encourage institutions to continually improve their academic and societal contributions. Join us as we delve deeper into the intricacies and significance of these university rankings, guiding you on a journey to discover the world's leading educational institutions.





AU



# SPORTS

# COMPLEX

WE'RE  
A TEAM  
NOT JUST A  
BUNCH OF PLAYERS.  
AND WE WILL STAND BY EACH  
OTHER THROUGH EVERYTHING!



01

The Air University Sports Complex, Gym, and Day Care Center demonstrate the institution's commitment to fostering wellness and providing comprehensive support to its community. These facilities promote physical fitness, offer recreational opportunities, and create a nurturing environment for families. By prioritizing the holistic well-being of students, faculty, staff, and their families, Air University recognizes that a healthy and balanced lifestyle is fundamental to personal growth and success. These facilities not only contribute to the physical health of the community but also foster a sense of camaraderie, inclusivity, and support, ultimately enriching the overall university experience. Air University recognizes the importance of promoting a healthy and balanced lifestyle for its faculty, staff, and students. To cater to their well-being, the university provides state-of-the-art gym facilities and a daycare center, ensuring a holistic environment that supports both physical fitness and work-life balance.

The Air University Gym offers modern exercise equipment, fitness classes, and professional trainers, enabling individuals to pursue their fitness goals and maintain a healthy lifestyle. The gym provides a welcoming and inclusive environment, fostering a sense of community and motivation among its users.

## **BUILDING CONFIDENCE**

Air University understands the challenges faced by parents in balancing work and family responsibilities. To support them, the university offers a dedicated daycare center. This facility ensures that faculty, staff, and students can focus on their professional or academic pursuits with peace of mind, knowing that their children are in a safe and nurturing environment.

## **BUILDING FITNESS**





A graphic illustration on a green and yellow background. It features three white wind turbines on a green hill, a black bicycle, a sun, clouds, and three birds. A large, faint recycling symbol is in the upper right. The background has geometric patterns of teal and yellow-green.

# *SUSTAINABILITY*



# LESS POLLUTION IS THE BEST SOLUTION

## Tree Planatation Drive

Air University Main Campus, Karma And Multan Sub Campuses Arranged Different Sessions Of Tree Plantation Drive

### Our Green Vision

We are implementing green construction standards, adopting energy-efficient technologies, maximizing water use, encouraging trash minimization and recycling, and so forth.



## Curriculum Integration

Students gain a thorough awareness of environmental problems and solutions through courses on sustainable development, environmental management, and conservation principles.



## Automated Smart Home Systems

Home automation is the automatic control and monitoring of household appliances and house features like doors, windows, fans, and so on. This system improves the standard of living at home, saves energy and money and it also provides support to elderly and disabled people in the home.

### Solar-Powered LED Smart Lighting Systems

All buildings are well ventilated and built to support energy saving with coolant walls (thick walls). The Solar system is being installed to decrease reliance on electricity. Sky light roof covers the open area instead of concrete ceiling to ventilate and light the blocks.

### Air University for Smart and Sustainable Living Environment

Air University Multan Campus have smart and sustainable working environment having IT room, Server Room,

Power Control Room, Automation Facility, Labs and Smart Class room as well. Recently, we working on the installation of Solar Panel to convert campus building to sustainable energy consumption.

### Air University Car Pool World

We motivate the Students, faculty members, and staff to use hybrid and electric Vehicles. Rideshare is designed to encourage commuters to adopt healthy and sustainable transportation options. The service, which has won recognition from UN Environment as part of a push to promote low-carbon lifestyles, also helps cut congestion and pollution.

### Safai Walk

The Safai Walk, organized by the Air University Shaor Society, aimed to improve the cleanliness and hygiene of the campus while providing an opportunity for AU students to actively contribute to environmental conservation. The event encouraged student volunteers to participate in a concerted effort towards maintaining a clean and green campus environment.



**Event Overview:** Approximately 40 to 50 participants from the Air University community took part in the Safai Walk. The event was held within the university's in-campus premises, targeting areas that required cleaning and maintenance.

Air University has always taken initiatives to foster creativity among students. In connection with generating 'out-of-box' ideas, the Directorate of Admin and Development and Shaor Society proposed the idea of a Recycling Competition in Students' Week on a yearly basis. The purpose of this event is to bring students to one platform for making creative and usable products out of used material. In the event, participants shall be given one hour time to make products from recyclable raw materials and showcase them to the event management. The winners of the events will be awarded with cash prizes.

The engineering student from our university worked on the project and really extracted power from the shallow streams using a hydrodynamic design and optimization



of cycloidal vertical axis water turbine

### Analysis of Vertical Axis Water Turbine for River Application

A student has created and constructed a vertical-axis water turbine application for rivers. The aim is to design and fabricate a vertical axis wind turbine with automated blade angle correction (alignment of the blade to maximize lift by adjustment of angle of attack) depending on fluid speed and angle of incidence.

### Solar-powered Automatic Drip Irrigation System

The variation of the spatial and temporal distribution of available water for irrigation makes significant demand on water conservation techniques. Irrigation System provides a sustainable solution to enhance water use efficiency in the agricultural fields using renewable energy. This system allows farmers to apply the right amount of water at the right time.

### Work Shop on Building Water Saving

Air University Islamabad, a workshop on Building Water Saving Devices was held. The Robotics & Automation Society at Air University created the first Smart Tap prototype. The prototype was well received, and the university administration requested that it be used in the ablution area and washrooms. Scrap materials were used to construct the body and all of the building components. Discarded dispenser bottles and damaged PVC pipes were used for the main body. This system is suited for use in underserved communities..

### Limiting Carbon Emissions

The university has committed to supporting Air University's effort to achieve zero carbon emissions by 2025 within the timeframe required by national policy. It will



be reduced from 4938 metric tons to the least as per the standard Carbon emission of our country.

To avoid the worst effects of warmer temperatures, extreme weather, and high carbon emission vehicles, Air University is adequately mindful of such pollution and takes appropriate measures to minimize the effects within the campus area.

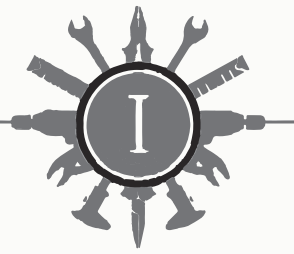
All offices were provided an indoor plant and buildings corridors were also decorated with indoor plants to create better working environment and increase awareness of Air University employees

### Sustainable Development dialogue

With the support of NUST the University of the University, Director QEC of Air University attended the SDGs dialogue session and discussed the strategic vision for effectively implementing the SDGs policies and standards in the educational sector.



# Fostering National and International Collaborations and Linkages for Student Excellence



**A**ir University, a prestigious institution of higher education, has successfully established itself as a hub of academic excellence and innovation. In its pursuit of providing world-class education, the university recognizes the significance of national and international collaborations and linkages. By partnering with renowned institutions and organizations, Air University has created a vibrant ecosystem that enhances students' learning experiences and opens doors to numerous opportunities. This article explores the key collaborations and linkages of Air University and highlights the positive outcomes they bring to the students.

**National Collaborations and Linkages:** Air University has formed strategic alliances with leading national institutions to broaden its academic horizons and nurture talent. Some notable collaborations include:

**a) Industry Partnerships:** Air University actively engages with prominent industries and corporate entities to bridge the gap between academia and the professional world. These partnerships facilitate internships, guest lectures, and research collaborations, allow-

exposure and develop industry-relevant skills.

**b) Research Centers:** The University collaborates with national research centers, such as the National Center for Artificial Intelligence (NCAI), to promote interdisciplinary research and innovation. These partnerships

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*Industry and  
Institutes Need  
To Build Smarter  
Linkage*

---

offer students the opportunity to work on cutting-edge projects, access advanced facilities, and contribute to groundbreaking research.

**c) Government Agencies:** Air University maintains strong ties with various government agencies, including the Pakistan Air Force (PAF), the Ministry of Defense, and the Higher Education Commission (HEC). Through these collaborations, students benefit from scholarships, training programs, and career opportunities in the defense and public sectors.

**International Collaborations and Linkages:** Air University recognizes the importance of global exposure and active-

ly pursues partnerships with renowned international institutions. These collaborations broaden students' perspectives, enhance cultural understanding, and provide access to global resources. Some noteworthy international collaborations include:

**a) Student Exchange Programs:** Air University has established student exchange programs with prestigious universities worldwide. This allows students to spend a semester or a year abroad, immersing themselves in diverse academic and cultural environments. By studying alongside international peers, students gain a global outlook and develop crucial interpersonal skills.

**b) Research Collaborations:** Air University engages in research collaborations with international institutions, fostering knowledge sharing and promoting joint research projects. Through these partnerships, students can collaborate with researchers from around the world, enabling them to contribute to groundbreaking research and expand their intellectual horizons.

**c) Conferences and Workshops:** Air University actively participates in international conferences, seminars, and workshops. These platforms provide students with opportunities to present their research, exchange ideas with global experts, and establish valuable connections in their respective fields.

**Outcomes on Students:** The collaborations and linkages formed by Air University have profound positive outcomes on its students, including:

**Enhanced Learning Experiences:** Collaborations expose students to diverse perspec-



tives, teaching methods, and research approaches. This enables them to develop a comprehensive understanding of their fields and acquire a broader skill set.

**Global Networking Opportunities:** International collaborations offer students a chance to network with experts, professionals, and fellow students from around the world. These connections often prove invaluable in shaping their ca-

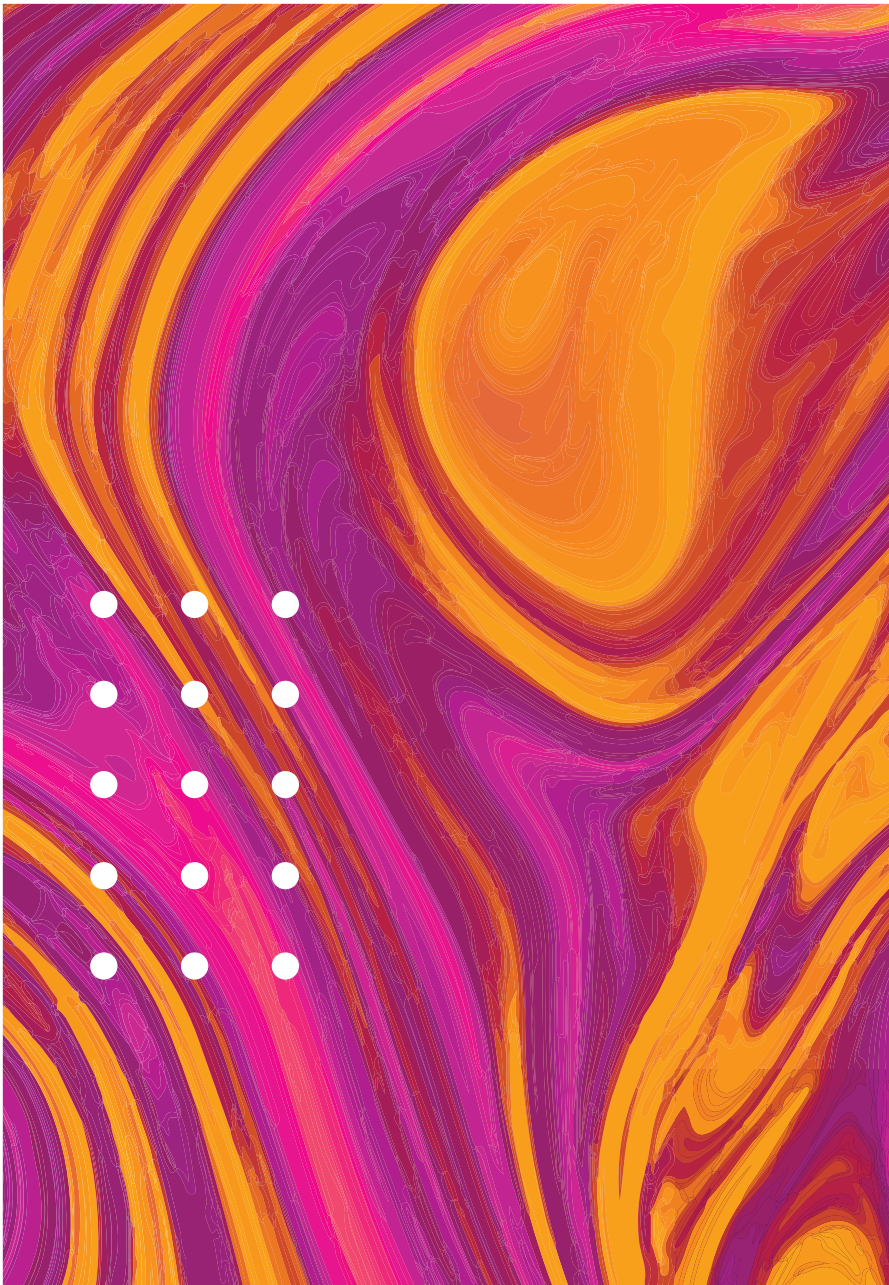
reers and opening doors to international job opportunities.

**Access to Advanced Resources:** Collaborations provide students with access to state-of-the-art facilities, libraries, research labs, and databases available at partner institutions. This exposure to cutting-edge resources enables them to conduct high-quality research and stay updated with the latest advancements in their fields.

**Increased Employability:** The collaborations and linkages fostered by Air University enhance students' employability by equipping them with industry-relevant skills, international exposure, and a strong professional network. This significantly improves their prospects of securing internships, research positions, and employment opportunities after graduation.







**"WE DO NOT REMEMBER DAYS;  
WE REMEMBER MOMENTS."**



# AU Events and Seminars

## Inspiring Change Through Seminar And Events

### Microsoft Learn Student Ambassador

Air Chapter organized a successful coding competition, "CodeAir 2.0," offering participants opportunities to enhance their coding skills and connect with industry experts. The event aimed to empower students with career guidance, job prospects, and hands-on experience with Microsoft products like Azure and Visual Studio.

### Sky Gazing

Air Astronomical Society's annual Sky Gazing event offered astronomy enthusiasts a unique opportunity to explore the wonders of the night sky. Led by experts, students used telescopes to observe planets, constellations, and nebulae, while learning fascinating facts about space.

### Tafseer Classes in the Holy month of Ramadan

Islamic Society organized a week-long Tafseer class during Ramadan, focusing on Surah Fatir and Surah Mulk. The classes catered to a diverse audience, including individuals seeking a deeper understanding of the Quran and those interested in Quranic interpretation.

### Epsilon

Epsilon, the flagship event of Air University Math Society, took place on March 1, 2023. It

featured indoor and outdoor activities, including math challenges, puzzles, and competitions that tested participants' mathematical knowledge, logic reasoning, and problem-solving skills. Indoor activities were held in the AUSOM Auditorium, while outdoor activities such as Math Maze, Sudoku Challenge, Chess Competition, and more garnered significant attention from participants and passersby.

### Airport Design Activity

Student from Aviation Management worked on the preparation of Airport Model

The Aviation Management students' endeavor in the preparation of the airport model reflects their passion for the aviation industry and their dedication to developing practical skills that will benefit them in their future careers.

### Emotional Intelligence

Air University prioritizes holistic education through seminars like

"Developing Emotional Intelligence: Unlocking the Power Within." This equips students, faculty, and staff with essential life skills to thrive in an ever-evolving world. The seminar emphasized the significance of emotional intelligence in personal relationships and leadership roles. Participants learned techniques like mindfulness, effective communication, and decision-making strategies. They also discovered stress management, conflict resolution, and fostering positive work environments.

The Spring Gala exemplifies the commitment of the Student Affairs Department in providing students with a platform to express their talents, foster cultural understanding, and engage in intellectual pursuits.







# From Dream to Reality: Our Inspiring Success Stories That Defy Limits

## Discover a world of learning at our National Centre for Cyber Security (NCCS)

The National Centre for Cyber Security (NCCS) at Air University was inaugurated on Monday, 21st May 2018 by the former Federal Minister of Interior, Mr. Ahsan Iqbal at (AU) Islamabad. The minister was exhilarated to share that the establishment of NCCS was his dream which had now been fulfilled. NCCS's Mission is to build national capabilities and capacities in Cyber Security to produce indigenous professionals and solutions in the field of Cyber Security.



## Unleashing Knowledge: Celebrating the Momentous Launch of 'Nuclear Engineering - Mathematical Modeling and Simulation' by AU Professor Dr. Zafarullah Koreshi

In March 2022, our esteemed and honorable Dean of Graduate Studies, Professor Dr. Zafarullah Koreshi, unveiled an extraordinary contribution to the field of Nuclear Engineering. The launch of his book, titled "Nuclear Engineering - Mathematical Modeling and Simulation," marks a significant milestone in the realm of academic literature. This comprehensive resource caters to students pursuing Bachelor's, Master's, and Ph.D. programs in Nuclear Engineering,

while also serving as a valuable tool for professionals seeking a deeper understanding of diffusion, transport, and Monte Carlo simulation for neutrons and photons.

## Celebrating Triumphs: Air University Students Shine at Youth Robo Tech Competition 2022

The spirit of innovation and technical prowess shone brightly as students from Air University achieved remarkable success at the prestigious Youth Robo Tech competition held on January 22-23, 2022, at UET Peshawar. Their exceptional skills and dedication propelled them to win an impressive six awards across various modules, leaving a lasting impact in fields such as robotics, project exhibition, and ambassadorship.







#### Alisha Naqvi

During my four years at Air University, I led three international student chapters, organized 60+ webinars, achieved Gold Microsoft Learn Student Ambassador rank, secured SPIE outreach grant, won International Day of Light challenge, served as student ambassador for 10 Pearls and RemoteBase, captained cricket, futsal, and basketball teams, and made a positive impact on the student community.

#### Fatima Khan

Fatima Khan completed her Bachelor's in Business Administration (Marketing) in 2022. She is currently a Digital Marketing Assistant at Coreware. During her time at Air University, she started as a member of Air Media Club (AMC) and eventually became its President. She organized Media Week in 2022 and initiated a Support Group for Air University students.



“ — — — — —  
The **BEST**  
**SUCCESS**  
stories often begin  
with **FAILURE** ”  
— — — — —



#### Ahmer Zaman

As a representative at Shell Eco Marathon and a key stakeholder in Air University's Writers' Club, I'm grateful for the opportunities provided by the university. I led the launch of "Likherature" e-magazine, served as a delegate for VOB, headed AirTech, and received the Vice Chancellor's Recognition Award. Professionally, I worked with Reebok, Philips, and Rinnai as a Project Lead and currently hold the role of Automation and Product Specialist at a US-based SaaS Agency.

#### Sardar Osama Sabir

I have achieved academic and professional milestones, including completing matriculation from Pakistan International School Jeddah and earning an F Sc. from Army Public School, P.M.A, Kakul. I obtained a bachelor's degree in Mechatronics Engineering from Air University, where I received the Vice Chancellor's Letter of Recognition in 2019. I co-founded 'Likherature' e-magazine and served as President of Air e-Nexus 2020. I also led the Writer's Club during the 2019-2020 academic year.

**Mujtaba Ahmad and Khaqan Umar** students from the Electrical Engineering Department at Air University Kamra Campus, created the "Air Hawk RC Plane" for the DBFC Competition at GIKI. Essentially a surveillance UAV was the purpose of this plane's design. He was given an award by the administration of Air University in recognition of his significant contribution and aptitude.





# Air University 2023 Convocation Ceremony

Your Education Is A Dress Rehearsal For A Life  
That Is Yours To Lead  
-Nora Ephron



## Air University-Main Campus Islamabad: 10th Convocation 2023

Air University's 10th Convocation, 2023 a momentous event in the academic calendar, took place on 28 February 2023 with great pride and enthusiasm. The occasion was graced by the presence of the honored President of Pakistan, distinguished HEC Chairman, and our honorable Vice Chancellor, Registrar, and other University's seniors and staff members. This Convocation served as a celebration of the achievements and hard work of more than 1200 students who successfully graduated from various disciplines at Air University Islamabad.





## AU Constituent College: 2nd Convocation 2023 of Fazaia Medical College



Fazaia Medical College 2nd Convocation, a momentous event in the academic calendar, took place on 25-May-2023 with great pride and enthusiasm. The distinguished Foreign Minister of Pakistan, the honorable Vice Chancellor of Air University, the Principal of Fazaia Medical College, the Registrar, as well as other members of the faculty and staff, graced the event. Their presence added immense prestige to the event, emphasizing the importance of quality education and the vital role played by Fazaia Medical College in shaping the future of healthcare professionals. Selected student groups received medals and certificates of distinction in honor of their remarkable achievements in acknowledgment of their exceptional performance.





# BE THE LEADER OF YOUR CLUB

Air University recognizes that the holistic development of students goes beyond academics. To foster a vibrant and inclusive campus environment, the university offers a diverse range of student clubs and societies. These organizations serve as platforms for students to explore their passions, develop leadership skills, and build lifelong friendships.

*Find your passion, find your people, and  
join the club that suits you best*

Students' clubs and societies at Air University provide a sense of belonging and community. These organizations gather like-minded individuals who share common interests, hobbies, or causes.

Air University students' clubs and societies offer an avenue for students to explore their interests and talents beyond the academic realm and provide opportunities for students to delve into their passions, develop new skills, and display their talents.

**Sets trends and creates waves:** Joining a club or society at Air University offers students valuable opportunities to develop leadership skills. Many clubs provide leadership positions, allowing students to take on roles such as president,





vice president, event coordinator, or treasurer. These leadership positions provide students with real-world experiences in organizing events, managing teams, making decisions, and resolving conflicts.

“  
*Let's make University's life a celebration  
that never fades*  
”

Air University students' clubs and societies actively contribute to the community through various social and service-oriented initiatives.. From raising awareness about social issues to engaging in volunteer work and fundraising for charitable causes, students actively contribute to the betterment of their community.

**Embracing Networking and Unlocking Career Prospects:** Engagement in students' clubs and societies at Air University opens doors to valuable networking and career opportunities. These organizations often collaborate with professionals, alumni, and industry experts to organize workshops, seminars, and guest lectures.





# Alumni and Job Fairs

*where memories are made and bonds last a lifetime.*



**Tooba Shams**

Erasmus Scholar, an AI & Computer Vision Engineer at Cyrix

In the realm of artificial intelligence and computer vision, one alumna from our esteemed university has emerged as a beacon of innovation and expertise. Meet our esteemed alumna, Tooba Shams, a brilliant mind whose journey has taken her across borders and disciplines, making a profound impact in the field. Today, she stands tall as an Erasmus Scholar and an AI & Computer Vision Engineer at Cyrix, driving groundbreaking advancements that shape the future of technology. A thirst for knowledge, a commitment to innovation, and a dedication to making a positive impact on society, we eagerly anticipate the remarkable milestones she will continue to achieve as she propels the world of AI and computer vision forward.



**Hafiz Iftikhar Jatoi**

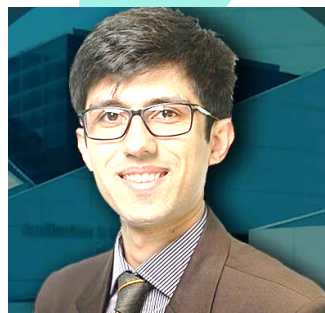
**Founder & CEO Joint Vision Tech, Pakistan**

Once a student with dreams as vast as the open skies, Hafiz Iftikhar Jatoi embarked on an inspiring journey at our esteemed university. Armed with an unyielding passion for technology and a relentless drive to create a positive impact on society, Hafiz emerged as a true visionary and an embodiment of the university's values. Today, he stands tall as the Founder and CEO of Joint Vision Tech, a pioneering technology company based in Pakistan, revolutionizing the world of innovation. His unwavering determination, innovative mindset, and dedication to social impact serve as an inspiration to current and future students, encouraging them to reach for the stars and make a meaningful difference in the world.

**Shahrukh Khan**

**Working in Ford Motor Company as BlueCruise Advanced driver-Assistance Systems Engineer**

In the vast realm of automotive engineering, one alumnus from our esteemed university has emerged as a trailblazer, leaving an indelible mark on the industry. Meet Shahrukh Khan, a visionary engineer whose relentless pursuit of excellence has propelled him to the forefront of technological advancements in the automotive sector. Today, he stands tall as an Advanced Driver-Assistance Systems Engineer at Ford Motor Company, playing a pivotal role in shaping the future of mobility. We are proud to call Shahrukh Khan one of our esteemed alumni, and we are excited to witness the remarkable accomplishments he will undoubtedly achieve in the years to come.



**Muhammad Usman**

**Founder & CEO of Limitless solutions Pvt Ltd Pakistan**

Meet our esteemed alumni, Muhammad Usman, a visionary leader whose entrepreneurial spirit and relentless drive have propelled him to the helm of Limitless Solutions Pvt Ltd. Today, he stands tall as the Founder and CEO, leading a company that is revolutionizing the way businesses operate and empowering the future with limitless possibilities.

Muhammad's journey began within the vibrant corridors of our university, where he nurtured his passion for technology and honed his entrepreneurial instincts. Under Muhammad's visionary leadership, Limitless Solutions has become a driving force of technological advancement in Pakistan. The company has pioneered groundbreaking software and technology solutions, addressing critical pain points faced by businesses across various sectors. From streamlining operations to enhancing customer experiences, Limitless Solutions has empowered organizations to thrive in an increasingly digital landscape.



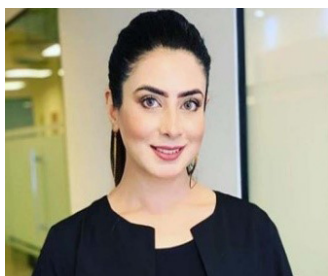


**Fouzia Maqbool**

**OD Practitioner & Certified Human Resource Professional (CHRP)**

In the ever-evolving world of human resources and organizational development, one alumna from our esteemed university has emerged as a catalyst for change and growth. Meet our Esteemed Alumni Fouzia Maqbool, an accomplished OD Practitioner and Certified Human Resource Professional (CHRP), whose expertise in guiding organizations and empowering human capital has made her a respected figure in the industry.

Fouzia's journey began within the halls of our university, where she discovered her passion for understanding the intricate dynamics between individuals and organizations. Driven by a desire to unlock the full potential of human resources and facilitate organizational success, she embarked on a path dedicated to honing her skills and acquiring a deep understanding of human behavior and organizational systems.



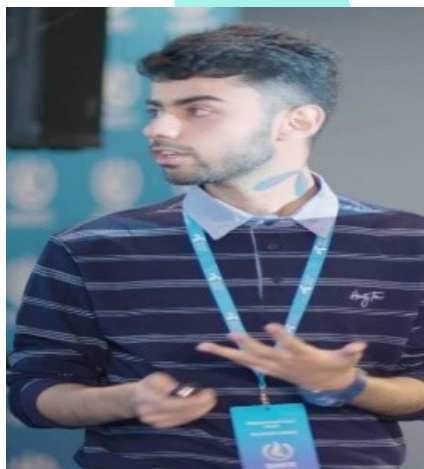
**Shiffa Yousafzai**

**Morning Show Host & Anchor Person at Hum News**

In the dynamic world of media and journalism, one alumna from our esteemed university has emerged as a captivating presence, enlightening audiences and shaping public discourse. Meet our esteemed Alumni, Shiffa Yousafzai, a talented and charismatic Morning Show Host and Anchor Person at Hum News, whose passion for storytelling and commitment to engaging journalism have made her a respected figure in the industry.

Shiffa's journey began within the walls of our university, where she discovered her passion for journalism and the power of effective communication. Driven by a burning desire to shed light on important social issues and inspire positive change, she honed her skills as a versatile storyteller, meticulously creating narratives that captivated hearts and minds.

Her dedication to delivering meaningful content and her unwavering commitment to social responsibility make her an exceptional role model for aspiring journalists and media professionals.



**Talal Athar**

**Service Design Specialist at Telenor, Content Creator on YouTube**

Meet our Esteemed Alumni Talal Athar, a talented Service Design Specialist at Telenor and a creative Content Creator on YouTube, whose passion for design thinking and user-centric experiences has made him a respected figure in the industry.

Talal's journey began within the creative environment of our university, where he discovered his passion for bridging the gap between technology and user needs. Driven by a desire to create meaningful and intuitive digital experiences, he embarked on a path dedicated to mastering the art of service design and content creation.

Equipped with a strong educational background and a natural flair for creativity, Talal delved deep into the world of user experience design, immersing himself in the principles of human-centered design thinking.

**Ammar Hussain**

**Expert in Renewable Energy , worked on development and Construction of almost 1,800 MW of Wind Farms**

Meet our Esteemed Alumni Ammar Hussain, a visionary expert in renewable energy, whose unwavering commitment and expertise have led to the successful development and construction of nearly 1,800 MW of wind farms, transforming the energy landscape and paving the way for a sustainable future.

Ammar's journey began within the halls of our university, where his passion for sustainable energy solutions was ignited. Fueled by a deep sense of responsibility towards the environment and a desire to make a lasting impact, he dedicated himself to the study of renewable energy technologies and systems.

We take pride in his role as an alumnus of our university, knowing that he embodies the values we hold dear: innovation, dedication, and a commitment to environmental stewardship. We eagerly anticipate the countless milestones he will continue to achieve as he leads the charge in harnessing the power of renewable energy.







# Magazine Team

1.



**Vice Chancellor**

**AIR MARSHAL  
JAVAID AHMED, HI(M) (Retd)**

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2.



**Director QEC**

**Air Commodore  
Ahmed Hassan, [Retd]**

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3.



**Assistant Director QEC**

**Mehreen Ishtiaq**

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4.



**Data Analyst QEC**

**Muhammad Sheharyar**

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