



His Royal Highness

Prince Khalifa bin Salman Al Khalifa

The Prime Minister

of the Kingdom of Bahrain



His Majesty **King Hamad bin Isa Al Khalifa** The King of the Kingdom of Bahrain



His Royal Highness

Prince Salman bin Hamad Al Khalifa
The Crown Prince, Deputy Supreme
Commander of Bahrain Defence
Force and First Deputy Prime Minister



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Welcome to Applied Science University's Annual Report for the academic year 2018/19.

For students, the highlight of our year came of course at ASU's 12th Graduation Ceremony, a joyous occasion for all of ASU.

For ASU, there were perhaps two crowning moments: achievement of HEC Institutional Accreditation in May 2019 and being ranked at number 45 in the QA Arab Region University Rankings 2018.

On a personal note, I was humbled to receive recognition from the IREG Observatory on Academic Ranking and Excellence for my contributions to education. IREG plays a key role in higher education by strengthening public understanding of issues related to university rankings and academic excellence. This is vitally important in this era of internationalisation, because as well as recognising achievements it motivates all participants to continually improve.

I mention this here because the summit of my work has been the vision of establishing

Applied Science University and seeing it grow in size and reputation since 2004, in our vision to support practical learning and research, and deliver high quality programmes that equip students with knowledge and skills for careers, and meet the needs of local and regional sectors and of the community.

Education is the future of any country and I have always wished to play my part in the future of our beloved Kingdom. I was therefore delighted and honoured to receive the IREG award, on behalf of myself and of Applied Science University and of the Kingdom of Bahrain.

ASU is fortunate to have the guidance of our Board of Trustees, the Ministry of Education, the Higher Education Council (HEC), the Education and Training Quality Authority (BQA), under the direction and wise leadership of the Kingdom of Bahrain. I take this opportunity to express our gratitude to them and to the society which ASU strives to serve, ASU staff and most especially our students who are the heart of everything we do.

Professor Waheeb Alkhaja Chairman of the Board of Trustees



I am pleased to present Applied Science University's Annual Report for 2018/19, a year which saw many notable achievements in our core functions of teaching & learning, research and community engagement.

Firstly, the College of Arts & Science received positive judgements after BQA programme reviews: all ASU programmes have now achieved confidence status. The Master in Human Resource Management, Bachelor in Law and Bachelor in Business Administration were placed on the National Qualifications Framework (NQF). ASU students won INJAZ Bahrain's Company of the Year for their application Al Fazaa, in a competition where students link classroom theory with practice and turn ideas into real-life businesses.

Secondly, our research output increased again and the second Student Research Conference was a notable highlight.

Thirdly, ASU engaged actively with the community, taking part in an extensive programme of varied events.

In support of our three core functions, we continued our emphasis on staff

Professor Ghassan F Aouad President development and created an impressive online system for central archiving of our committee records.

ASU also achieved significant external recognition this year: a tribute to our efforts to continually improve. May 2019 brought formal confirmation of achieving HEC Institutional Accreditation and we achieved impressive placings in key university rankings: #45 in the QA Arab Region University Rankings 2018 (highest of Bahrain's private universities); 301+ in THE Universities Impact Rankings; #25 in the Arab region in the Green Metric Table.

I would like to end by expressing gratitude, on behalf of ASU, for the support ASU receives from Chairman of our Board of Trustees, the Chairman of our Board of Directors and all the members of both Boards, to the Ministry of Education, the Higher Education Council and the BQA, to the employers who support us, to our staff and most of all to our dear students and their families.

This Annual Report 2018/19 outlines the highlights of our year. I hope you enjoy reading it.

Teaching & learning

3rd Good Teaching Conference and 2nd Crossing the Bridge Together Seminar Series were once again highly successful events in which ASU continued to develops the skills of its faculty towards providing the best teaching and learning experience for our students. These sessions give staff the opportunity to reflect on their practice, learn from each other and share ideas.





ASU's 7th Cultural Exhibition was held under the patronage of Shaikh Hisham bin Abdul Rahman Al Khalifa, the Governor of Capital Governorate, and attended by a large number of students, staff and VIP guests including a delegation from the Palestinian Embassy. The Exhibition is a part of ASU's use of learning models that encourage students to gain knowledge and develop thinking skills by working on team projects. This year's theme was "Coexistence in Bahrain" and featured displays of the cultures, traditions, costumes, landmarks, foods and drink, currency etc of 14 countries.

IEEE Day 2018 organised by the Institute of Electrical & Electronics Engineers (Bahrain Section) was hosted at ASU. The event welcomed attendees from other universities and institutions. IEEE can trace its history back to 1884 and is composed of engineers, scientists, and students, with a mission "to foster technological innovation and excellence for the benefit of humanity globally and locally" through publications, conferences, technology standards, and professional and educational activities. The Bahrain Section was founded in 2001. ASU has a student chapter of IEEE.



Teaching & Learning is the first Pillar of our Strategic Plan and the first of our core activities

INJAZ Bahrain's Company of the Year 2017/18

was won by a team of ASU students for their application AI Fazaa, which links users to car maintenance providers. Chaired by HH Shaikha Hessa bint Khalifa AI Khalifa, INJAZ Bahrain is part of Junior Achievement Worldwide and aims to empower young people to own their economic success and prepare for today's business challenges. Under INJAZ programmes, volunteer instructors work with groups of students to link class theory with practice and turn ideas into real-life businesses.





Nations involved a delegation of eight ASU students. This annual event held under the Patronage of HH Shaikh Nasser bin Hamad Al Khalifa brings together student delegates to debate topics of global importance. This year covered the impact of climate change on sustainable population growth; cybercrime; economic empowerment of women; global drug control; the consequences of climate change and the increased demand for energy; and biological terrorism.

7th Bahrain ELT Conference (theme: 21st century teaching practices: challenges and solutions) was attended by a delegation of ASU faculty teaching English modules. The conference was organised by the Bahrain English Language Teaching Professionals Network (ELTPN) and the British Council, Bahrain. The conference brought together ELT professionals from Bahrain and the wider region, as well as ELT publishers and policymakers. Sessions covered learner needs, learning strategies, technology in the classroom (including smart technology and gamification of learning) and story-telling for engagement.



Research

ASU's 2nd Student Research Conference saw thirty students present their research findings, in separate conference tracks for bachelor's and master's students to present their research findings and graduation projects. The aim of the Conference is to encourage student participation in scholarly events, promote research culture within ASU programmes and develop skills that enable students to be active contributors to society, through turning ideas into research projects that can be applied in the world. Prizes were awarded to the best three presenters in each track.





Creating a Research Culture at ASU was a key event in the University's research calendar and was delivered by ASU's President, Professor Ghassan Aouad. The lecture covered important issues related to establishing a research environment and culture, including research drivers (individual, institutional and national); ASU's research priorities, themes and groups; the process for building research capacity; research proposals framework; the art and science of doing research; and the links between research and innovation.

Research@ASU was held to publicise the University's strategic plan for supporting research and to announce the first call for funding of research project proposals. The session provided a briefing on context including the significance of research in ASU's development, its impact on university rankings, research challenges, HEC research-related bylaws, Bahrain's Research National Strategy 2014-2024 and ASU's research themes. It also covered information for submitting research proposals including the framework, criteria for funding and the evaluation criteria.



Research is the second Pillar of our Strategic Plan and the second of our core activities

ASU's Deanship of Research & Graduate

Studies organised several workshops this year to support faculty, including topics such as HEC requirements for master's theses and research writing for publishing and guidance on getting published. The Deanship also held a series of regular meetings with colleges to discuss specific issues. The programme of activities was part of the Deanship's efforts to develop research activity in line with ASU's strategic goals and cultivate research excellence in the University.

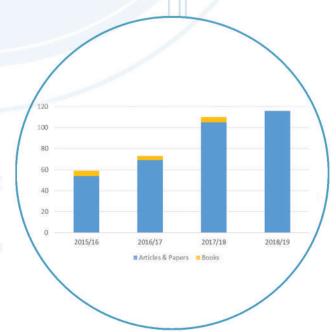




Enhancing Research Governance at HEIs,

organised by HEC in collaboration with the American Association for the Advancement of Science (AAAS), was a key external workshop attended by ASU's Dean and Assistant Dean of Research & Graduate Studies. The workshop was part of the national strategic plan for research and its aim was to launch the Kingdom's project to strengthen research governance; build links between HEIs in the Kingdom and with international research institutions; and diversify sources of research funding in higher education.

Research publications by ASU faculty continued to increase this year, with a 6% growth in output on last year's record total and continuing the rising trend that can be seen in the graph. In addition, ASU continued its preparations for its second major international conference, which will be held in November 2019 in collaboration with London South Bank University, the International Conference on Innovation, Technology, Enterprise and Entrepreneurship (ICITEE 2019).



Community Engagement

National Day and the Accession of His Majesty King Hamad bin Isa Al Khalifa were celebrated by campus decorations which reflected the national Bahraini spirit and an all-day event organised by the Students' Council. The event included traditional events such as henna corner, outdoor carnival of food and games, evening poems by poets from Bahrain and Kuwait and singing performances by ASU's Student Talent Club and Bahraini singer Ebrahim AlNajim.





Capital Governorate competition for Best Decorated Building (Education Sector) 2018

saw first place awarded to ASU for the fourth time in a row, for our lights display on the occasion of the Kingdom's celebrations of the National Day and His Majesty the King's Accession to the Throne in December. We received the award from HE Sheikh Hisham bin Abdul Rahman Al Khalifa, Governor of the Capital Governorate.

18th anniversary of Bahrain's National Charter

was celebrated by ASU students and staff who staffed a booth at the Ministry of Education's school and university student exhibition, at the Ministry of Education in Isa Town. ASU's booth was visited by HE Dr Majid bin Ali Al Nuaimi, Bahrain's Minister of Education and a number of ASU students exhibited their projects and presented and explained their work very enthusiastically. The event was all the more special as 2019 marks 100 years of formal education in Bahrain.



Community Engagement is the third Pillar of our Strategic Plan and the third of our core functions

Bahraini Women's Day 2018 was marked at ASU with an event organised by the students' Women Club to celebrate women's success and achievements. The Club created a short video congratulating Bahraini women on Women's Day, created the special hashtag #we support her and distributed flower bangles and discount coupons to female students and staff .The Women's club also organised several other events this year, including a motivational forum with guest speakers titled "Challenges and Achievements".





World Autism Awareness Day was marked by an event titled You Are Not Alone, organised by ASU and the International Organization for Child Protection under the patronage of HE Mr Ali bin Saleh Al Saleh, Chairman of the Shura Council. The event included a play by students from ASU and Rifaa Al Sharqi School for Boys, a video My Story about a child with autism, a sports show, an exhibition by local social and health centres and activities and games for children from local autism centres.

Beach clean-up at Al-Eker was organised by ASU and Al-Eker Charitable Association, to improve the environment, preserve wildlife and migratory birds, and raise awareness about public beaches in Bahrain. Student, graduate and staff volunteers from ASU joined the people of Al-Eker in this effort, which was one of several projects aimed at increasing public awareness about environmental issues and social responsibility in line with the University's commitment to sustainability and to community partnership.



Student Support

ASU's 12th Graduation Ceremony was held under the patronage of the Chairman of the Board of Trustees and attended by a large number of dignitaries. Graduates, families and ASU staff enjoyed a memorable evening, which included speeches in Arabic and English by ASU graduates and a video presentation about ASU's many highlights and achievements during the year. Since establishment in 2004, ASU has graduated 4654 alumni.





Student Council Elections (12th cycle) were held, with a nomination process in each college and two days of campaigning in which the nominated students presented their plans to other students. On Election Day, all ASU students were able to vote for their choice and the successful candidates then took up office for the year 2018/19. The new Council's first task was to meet with ASU's President and various departments across the University.

ASU's Student Funding Committee met several times during the year to consider applications to the student support fund. Applicants were interviewed so they could explain their situation and reasons for applying and these were considered against the criteria and requirements set out in the Student Support Fund Policy. In 2018/19 BD80,000 from the Student Support Fund was allocated to students.



Student Support is the fourth Pillar of our Strategic Plan and the first of our enabling areas

ASU's Career Fair 2018 was held under the patronage of Mr Jameel bin Mohammed Ali Humaidan, the Minister of Labour and Social Development. A large number of companies from across the public and private sectors participated. Many ASU students and recent graduates attended the event and were very pleased to have the opportunity to meet with key employers and learn about job vacancies and training opportunities.





ASU's Alumni Club was very active again this year in support of graduates of the University and fostering links with current students. The Alumni Club Directors held meetings with the Student Council and attended to Graduation Ceremony to publicise the Club's activities. The club also organises the weekly "Alumni Interview" in the President's News Digest. The Club organised the successful Alumni Reunion, which included speeches, guizzes, prizes and a dinner buffet.

Sporting events continued once again this year. ASU held its annual Sports Day in celebration of Bahrain's National Sports Day, with activities including a walkathon, volleyball, PlayStation tournament, billiard tournament, chess, carrom, baby foot. Several sports companies also participated with offers, discounts and health advice. During the year, ASU teams took part in national competitions and were champions in football and table-tennis and runners-up in volleyball.



Internationalisation & Partnerships

ASU's Engineering Day was an exciting event held to showcase ASU's new programmes in architectural design engineering and civil and construction engineering. The event was attended by applicants who were visiting the University, ASU students and staff and two members of faculty from London South Bank University, ASU's collaborative partner for engineering. Engineering Day included a short talk on "Why be an Engineer?" as well as the official opening of the engineering labs and an exhibition of student projects.





ASU's first Cardiff Met Coffee Morning was held this year, an informal gathering to enable staff and students of the two ASU-CMU programmes (BA Accounting & Finance and BA Management & Business Studies) socialise outside the classroom. Coffee Mornings are typical British social events where friends meet to eat and chat. Reflecting CMU's location in Wales the event had a UK/Wales theme, with the flags of Bahrain, the UK and Wales, UK-themed table decorations, typical British snacks, sandwiches and cakes, plus videos about Wales and Cardiff.

QS Maple Conference is a key annual event for universities in the MENA region and at the 2019 conference the ASU delegation joined over 200 participants from 108 institutions in 27 countries. The main theme was promoting research in the Middle East and Africa. Sessions and debates covered topics related to research, including issues such as maximising return on a small budget, as well as university rankings, quality of education and importance of internationalisation. ASU's stand at the QS-Hub Exhibition was very well attended.



Internationalisation & Partnerships is the fifth Pillar of our Strategic Plan and the second of our enabling areas

4th International Conference on Arab Impact Factors featured a keynote speech by ASU's President on ASU's success story and the importance of publishing and conducting research. The conference was organised by the Arab Impact Factor Group of the Association of Arab Universities (AARU). The President's speech highlighted the importance of publishing in ISI and SCOPUS indexed journals and he spoke about how research has helped to raise ASU's profile, including our recent success in the QA Arab Region University Rankings.





International Conference on Professionalism & Ethics in Construction 2018 was joint organised by ASU and London South Bank University. It featured a keynote address by ASU's President on leadership, professionalism and ethics in construction, which concluded with a set of recommendations to help construction firms develop appropriate leadership styles and approaches to cope with the challenges of a fast changing environment. The President also chaired a panel discussion on "Integrity, responsibility and accountability in professional roles in

International links and collaboration were emphasised this year and we held meetings to discuss potential collaboration with representatives of the American Association for the Advancement of Science, the Oxford Business Group (Bahrain). ASU delegations also attended international conferences including the Association of Arab Universities (AARU) and Innovation Arabia 2019, where the President was a panellist in a forum discussing the 4th industrial revolution and its impact on higher education.



Quality Assurance

IREG Observatory on Academic Ranking & Excellence, represented by its President Professor Luiz Costa, presented a Certificate of Achievement to Professor Waheeb Alkhaja, Chairman of ASU's Board of Trustees, for his contribution to academia. Professor Waheeb's career spans many key HE roles and he has been a member of the Bahrain Society of Engineers for over thirty years. He holds an Honorary Medal from the Ministry of Education's Science Festival (1986), the Crown Prince's Prize for Scientific Engineering Research (1995) and a Fellowship of the Chartered Institute of Building (UK).





QA Arab Region Rankings 2018 ranked ASU at #45 (Bahrain's only private university in the Top 50). This is the first time the University has applied to be ranked by QS, making its achievement even more notable. This ranking is evaluated by factors including employer and academic reputation, citations per faculty and international faculty ratio, and it was the result of team efforts across ASU and advances in all areas including research and innovation, in support of Bahrain's Economic Vision 2030.

HEA Principal Fellowship was conferred on Dr Faiza Zitouni, ASU's Assistant Vice President (Academic Affairs & Development). She is ASU's first PFHEA and one of fewer than 1,000 PFHEAs across the world. This recognition brings the University's total of HEA Fellowships in all categories to 53 at the end of 2017/18.



Quality assurance is the sixth Pillar of our Strategic Plan and the third of our enabling areas

BQA Institutional Review preparations were a key part of ASU's activities in 2018/19. During the year, the IR Working Group members worked extremely hard to prepare the University's Self Evaluation Report (SER) and all the supporting evidence. The SER was submitted to BQA at the end of May and the Panel Visit is due at the end of October 2019.





ASUrise Scheme was launched in 2018/19 and twenty staff were selected from almost fifty applicants to join the two cohorts of 2018/19, which started in October 2018 and March 2019. The Scheme is accredited by Advance HE and supports ASU staff in preparing and submitting for recognition as an HEA Fellow. The University gained accreditation for ASUrise in 2017/18, making it one of only a very few universities in the region able to offer such a scheme.

HEC Institutional Accreditation was officially granted to ASU in May 2019 at a ceremony attended by the Minister of Education, HEC's Secretary General, the Chair of HEC's Academic Accreditation Committee and its members. This recognition followed submission of ASU's Self Evaluation Report (SER) and evidence in early May 2018 and a site inspection in June 2018 in association with the British Accreditation Board.



Sustainable Growth

ASU Open Days were held in both semesters. Potential applicants and their parents were able to receive information about the University's courses and the career paths relevant to each course. Guided tours of the campus were also arranged so that attendees could see ASU's colleges, facilities and services.





ASU's school visits programme continued, to raise awareness of our courses and encourage student recruitment. ASU staff spoke to pupils about courses, financial support and future career paths. The University's annual visits programme covered 44 government and private schools. Several schools visited the ASU campus to see our facilities and hear about our programmes. ASU also attended several high-profile marketing events, including the Medpoint Pre-Employment Career Expo.

ASU's staff development programmes

organised by the Academic Staff Development
Unit and the Training Centre once again provided
a wide range of sessions to support academic and
administrative staff. Workshops and seminars this
year included Designing Assessment Activities,
How to use Moodle for Turnitin assignment
submission, Preparation of Course Portfolios,
institutional effectiveness & related systems, ICDL
– Digital Marketing, HABC Level 2 Award in
Emergency First Aid at Work, MEDIC First Aid
Basic Plus and Statistical Package for Social
Science (SPSS).



Sustainable Growth is the seventh Pillar of our Strategic Plan and the fourth of our Enabling Areas

Certified Risk Management Professional

qualification was achieved this year by seven ASU staff whose jobs involve risk management. The seven staff, three academic staff and four administrative staff, followed an intensive course of training and practical workshops based on the ISO 31000:2018 risk management standard which was conducted by an international training body. The certification is important in the context of the work that ASU's colleges and departments undertake regularly to review their risk registers.





GreenMetric World University Rankings 2018 ranked ASU at #25 in the Arab region (#1 in Bahrain and #692 globally). This ranking evaluated 719 universities from 81 countries around the world. This achievement is an endorsement of ASU's aspiration to spread a culture of excellence, sustainability and green architecture. ASU achieved 2,150 points in the six classification criteria: setting & infrastructure, energy & climate change, waste, water, transportation and education & research.

ASU's Committee Records Online System was developed this year as part of our sustainability initiatives to automate services, go paperless, reduce consumption of paper, printers and toner and maintain a clean environment. The new system is a centralised location to store all agendas, decisions and minutes of meetings of ASU's committees. The first roll-out comprises an upload/archiving module, to which will be added a workflow element for communication, follow up and monitoring.



Appendix 1: Facts and Figures



APPLIED SCIENCE UNIVERSITY



3254 students



13 UG programmes5 PG programmes



35 student and staff nationalities



academic and administrative staff

4 Colleges:

Administrative Sciences
Arts & Science

Engineering

Law



4654

graduates since 2004



ISO 9001

certified administration

Administration & HR

Finance ICT

Library lopment

Professional Development Community Engagement

61

staff hold an HEA fellowship 25 +

companies at the Career Fair 150 +

companies support our internship 1700 +

articles to date in Weekly News Digest

Appendix 2: Programmes

College of Administrative Sciences

- Bachelor in Business Administration
- Bachelor in Management Information Systems
 - Bachelor in Accounting
 - Bachelor in Accounting and Finance
 - Bachelor in Political Science
 - •BA (Hons) Accounting and Finance
- •BA (Hons) Management and Business Studies
 - Master in Accounting and Finance
 - Master in Business Administration
 - Master in Human Resources Management

College of Arts and Science

- Bachelor in Computer Science
 - Bachelor in Interior Design
- Bachelor in Graphic Design

College of Engineering

- •BEng (Hons) Architectural Design Engineering
- BEng (Hons) Civil and Construction Engineering

College of Law

- Bachelor in Law
 - Master in Law
- Master in Commercial Law

Appendix 3: Governance

Board of Directors

The Board of Directors consists of the owners of the University and is the funding body and financial guarantor of the University, with a role is restricted to dealing with financial matters, as set out in the University Bylaws. The Board of Directors consists of six members, all of whom are high-profile educators and business people in Bahrain and the GCC:

Mr Samir Nass, Chairman Prof Waheeb Alkhaja Mr Mohammed Alkhaja Mr Ghazi Nass Mr Waleed Alkhaja Mr Adel Nass

Board of Trustees

The ASU Board of Trustees is the University's governing body, with a role to ensure that sound principles of governance are applied and to maintain an oversight of ASU's activities to ensure its management is effective. The responsibilities of the Board of Trustees are detailed in the University Bylaws and ensure that ASU determines its own strategic direction with an appropriate balance between financial self-reliance and academic excellence. The Board of Trustees consists of eight members approved by the Higher Education Council:

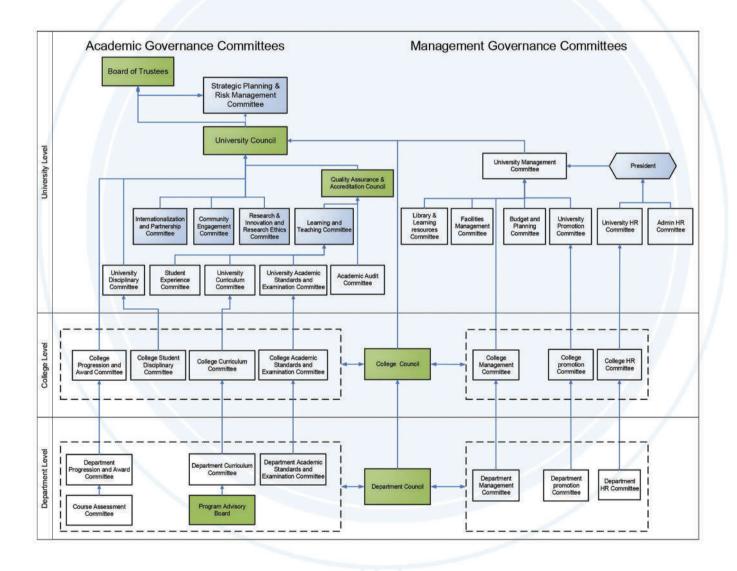
Prof Waheeb Alkhaja, Chairman
Dr Fatima Al-Balooshi
Dr Fayez Al-Sadah
Mr Ghazi Nass
Prof Ghassan Aouad
Mr Adel Nass
Mr Waleed Alkhaja
Mr Mohamad Al Aamer

Committee Structure

Applied Science University's committee structure includes bodies constituted at department, college and University level to ensure effective consideration of business and decision making at appropriate levels.

The University Council is the senior policy-making body within the University and comprises the President, the Vice Presidents, the Deans and representatives of faculty.

ASU's Committee Structure is shown below.



Appendix 4: Vision, Mission, Values

Vision

What is our final destination?

The vision of Applied Science University is to be one of the leading private universities supporting practical learning and scientific research in Bahrain and the Gulf.



Why do we exist?

ASU is committed to offering an education that is accessible to academically competent students of Bahrain, the Gulf and beyond, and to deliver academic programmes of quality that graduate students equipped with knowledge and skills relevant locally and regionally.



ASU is further dedicated to the promotion of a culture of learning and scientific research for its students, staff and faculty regionally and globally to engage meaningfully with the community at large.

Where should we focus our efforts?

1. Teaching & Learning

Create a culture of learning and support students to develop their knowledge, learning and skills by engaging in professionally relevant programmes of study.

2. Research

Develop a research culture and deliver high quality research outputs.

3. Community Engagement

Ensure that its scholarly work and research is communicated widely and has an impact on the local community. Recognize that it has a duty to its students to ensure that they understand their obligations as citizens in engaging and supporting the community which they are part of.

What will enable us to do so?

4. Student Support

Support Students as part of a 'learning community'.
Ensure that all students realize their full potential – both in engaging fully with the opportunities provided for study and research and in preparing them for the world of work.

Internationalization & Partnership

Develop and maintain collaborative partnerships with other HE institutions, government, the industry and professional bodies to ensure that ASU activities support national priorities and remain relevant to the needs of industry.

6. Quality Assurance

Comply with the HEC regulations, fully observe guidance from the national quality assurance and accreditation frameworks in Bahrain. Demonstrate that quality assurance and quality enhancement is embedded in all of its activities.

7. Sustainable Growth

Operate effectively and efficiently, optimising the use of ASU physical and human resources. Grow ASU provision in terms of increasing student numbers on existing programmes, expanding its provision in other areas.

Values

Integrity

Collaboration and Team Spirit

Loyalty

Social Responsiveness and Community Engagement

Quality

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معند التطبيقية APPLIED SCIENCE UNIVERSITY

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