



SUSTAINABLE DEVELOPMENT

REPORT 2019



Summary

Prince Sultan University, an University with potential for excellence, is committed to innovate, implement and collaborate with all its stakeholders, government, corporate, other educational institutions and the global community to achieve United Nations' Sustainable Development Goals (SDGs). With a vibrant team of researchers, academicians, faculty members, students, staff and support from the government, PSU is at the forefront in achieving the intended goals. Sustainable Development report 2019 provides an overview of initiatives taken by PSU towards achieving UN SDGs 2030.

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SDGs at PSU

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Our Team & Key contact

Foreword from President

Greetings! It is a great pleasure for all of us here at PSU, and we are indeed delighted, pleased, privileged to be taking part in the Times Higher Education Impact Ranking. PSU is committed to applying the UN SDG 2030 as part of PSU with our strategic and support to the Kingdom of Saudi Arabia 2030 vision, which in terms of integrating the UN 2030, 17 global goals. Thus, PSU is participating in the upcoming Times Higher Education Impact Ranking, which is solely based upon the SDG 2030.

We at PSU are keen to show how PSU teaches the next generation of PSU students to a depth of sustainability in their lives. We will be demonstrating our commitment to meaningful education around SDGs in our programs and classrooms. So, PSU for higher committees and subcommittees to oversee and follow up on our performance and compliance with the SDGs.

Since the impact rankings are measured based on three broad areas such as research, outreach, and stewardship for the goals, PSU is always determined to perform very well. Therefore, PSU is significantly focusing on several SDGs, including SDG 4, which is quality education, and that's what PSU is all about. SDG 5, gender equality, is reflected in our student body, where 60 percent of our students are female.

SDG 8 Decent Work and that's also reflected in our graduates, about 90 percent of our graduates get jobs within three months. SDG16, peace and justice, reflects PSU outstanding law school and SDG 17, which is the partnership for goals comprehensive. So, we are looking forward to and excited about our continued success with SDG compliance.

Thank you.



Dr. Ahmed Bin Saleh Al-Yamani
PRESIDENT

About PSU

Prince Sultan College was founded in 1998 and opened its doors to students the following year. The Ministry of Higher Education PSC was promoted to Prince Sultan University in 2003. It was inaugurated by HRH Crown Prince Sultan bin Abdul Aziz Al-Saud who was the Deputy Premier, Minister of Defense and Inspector General. PSU is a non-profit institutions established in Riyadh by the Al-Riyadh Philanthropic Society for Science and licensed by the Ministry of Higher Education.

Vision

Prince Sultan University aspires to become the leading, non-profit, private university in the Middle East, providing a quality education equal to other reputable universities in the world.

Mission

Prince Sultan University aims to provide the Middle East with a quality education to the highest international standards. In its efforts towards a successful and responsible life-long learning, PSU integrates modern technology, pedagogy and human values for the advancement of scientific research, productivity and leadership towards a more meaningful social life. PSU is committed to effective management of institutional resources to optimize its multiple roles as catalyst for new learning opportunities, national and international partnerships, continuous studies, professional growth, community service and diversity in educational horizons for the good of humanity.

SDGs at PSU

PSU is committed to the United Nations Sustainable Development Goals (SDGs) through effective institutional resources management, innovative teaching, and learning, research, national and international partnerships, continuous studies, and outreach. PSU shall undertake the following activities: form higher and steering committees, evaluate each SDG, formulate and develop related SDG policies, conduct awareness campaigns to the PSU community, establish a sustainability office, identify the SDGs related to each college, program, and course, and lab centers at PSU, and implement sustainability-related initiatives.

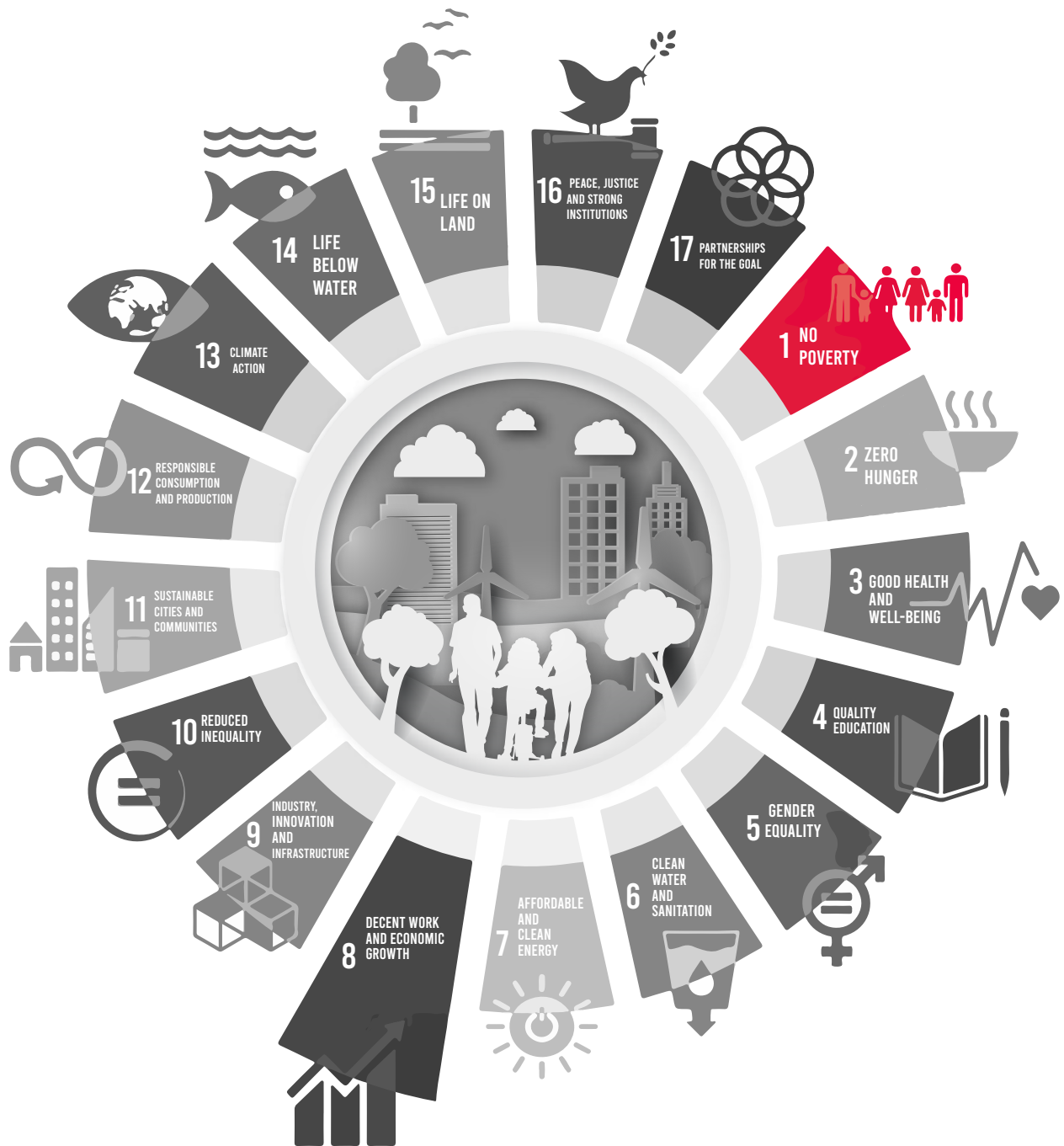
Vision

Prince Sultan University strives to support Saudi Arabia's Vision 2030 and the United Nations Sustainable Development Goals (SDGs) by paving the way for higher education in KSA and Middle East.

Mission

Supporting the Saudi Arabia's Vision 2030 and the PSU's strategic directions, PSU aligns its mission with SDGs by providing quality education, sustainability initiatives, lifelong learning, scientific research, and community service.





SUSTAINABLE DEVELOPMENT REPORT 2019

No Poverty



No Poverty ■

Sustainable Development Goals (SDG) were designed to achieve a sustainable future for global community. These SDGs address the world-wide challenges that we face day-by-day, among which some are related to poverty, inequality, climate change, environmental degradation, peace, and justice. It is worth noting that the 17 SDGs are all linked among each other and is expected to attain all the goals within 2030.

Prince Sultan University (PSU) aligned its strategy, internal policies, and governance to embrace and implement the SDGs and is already contributing to the development of first goal i.e., No Poverty. PSU's correspondence to the policies of Kingdom of Saudi Arabia, to eradicate poverty within its borders and beyond them, is twofold. These efforts stem from a sense of moral and humane responsibility which is manifested in the Kingdom's humanitarian assistance to developing nations across the globe, the ones that are most often stricken with poverty, as well as to international organizations battling poverty. Internally, the Kingdom strives to lighten the economic load on Saudi citizens and provides financial assistance to low- and mid-income families, in addition to supporting charity organizations, housing projects, and increasing allowances for widows and orphans.

Saudi Arabia initiatives and projects to stop Poverty:

PSU is collaborating with charity committee for orphans care for providing quality education to orphans.

مركز الملك سلمان
للإغاثة والأعمال الإنسانية
KING SALMAN
HUMANITARIAN AID & RELIEF CENTRE

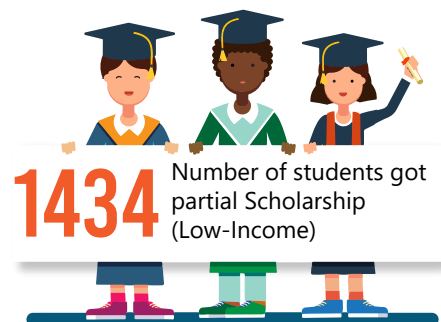
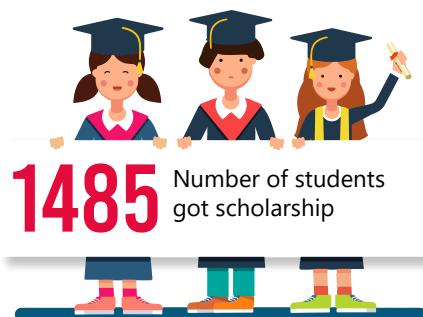


ARAB GULF PROGRAMME FOR DEVELOPMENT ASSISTANCE
برنامج الخليج العربي للتنمية - أجياد
AGFUND

Metrics ■

Proportion of poor students receiving financial aid to attend university

The proportion of students who got scholarship based on low income was attractive. Students who cannot afford their educational expenses are financially nurtured by PSU throughout the completion of degree.



Source: Academic Year 2019



Community anti-poverty programmes

PSU is committed to provide financial assistance to its students who are willing to invest their future in local start-ups / business and become entrepreneurs

Local start-up financial assistance



In local start-ups of business/ entrepreneurship, PSU is committed to provide financial assistance to its students.

CSCEC is partnered with Elite UK and Monsha'at to provide skills and tools to small and medium enterprises through faculty members from College of Business, PSU. The elite modules were customized to provide Monsha'at "Small or Medium Enterprises General Authority" (SMEs) with the most relevant information to equip them grow and succeed. This helps in our ever-changing economy as stated in CSCEC mission and vision.

Monsha'at "Small or Medium Enterprises General Authority" (SMEs) provides job opportunities for Saudi people and foster economic empowerment for youth and women. They contribute to the growth and diversity of the economy. Also, they are critical to reduce poverty and contribute to rural and regional development. SMEs can significantly increase their contribution to exports (faster than large corporations). Furthermore, they allow the exploration of new areas of innovation, graduate new champions and enable national entrepreneurs by building strengthened supply chain and increased competitiveness.



Programs for services access

ELITE is a unique platform designed to help the UK's most exciting and ambitious private companies prepare and structure their next stage of growth. It facilitates structured engagement amongst the UK's most exciting private growth companies, entrepreneurs, and business leaders as well as the corporate advisory and investor community.

ELITE is a three-part service of education, business support, mentoring, and access delivered in collaboration with Imperial College Business School. There were 50 attendees and 20 companies in overall.

Elite Launching Ceremony:

The opening ceremony marked a pivotal moment in Saudi Arabia as Prince Sultan University was the first to partner with Elite (UK Company), in collaboration with Monshaat, to train small and medium enterprises and provide the tools to thrive and grow. The attendees included companies such as Ernst & Young, Riyad Bank, KPMG, PWC, Falcom, and Tadawul. Dr. Ahmed AlYamani, President of PSU and Dr. Rimah AlYahya, Vice President of PSU - Women Campus were also in attendance.

Program: First Cohort

- Module 1: Growth Strategy
- Module 2: Managing Talent
- Module 3: Evaluation for Financial Needs
- Module 4: Governance
- Module 5: IPO
- Module 6: Growing your Business: Marketing
- Module 7: Your Growth Story

Program: Second Cohort

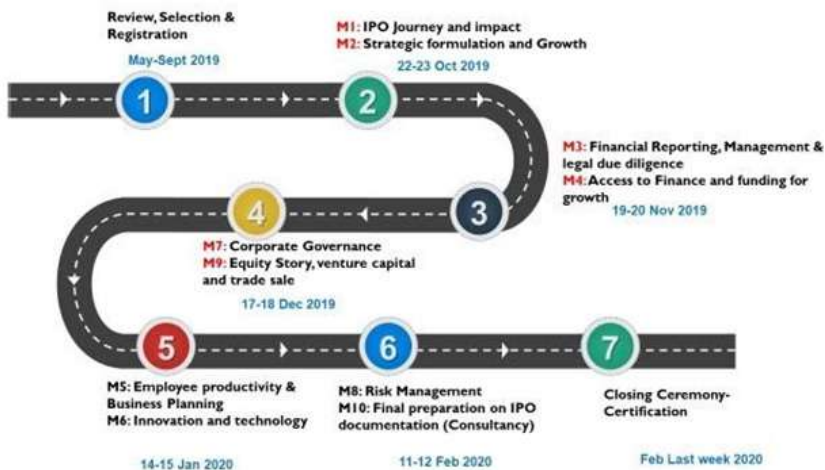
- Module 1: Growth Strategy
- Module 2: Managing Talent
- Module 3: Evaluation for Financial Needs
- Module 4: Governance
- Module 5: IPO Model
- Module 6: Growing your Business: Marketing
- Module 7: Your Growth Story





Goal in action ■

TIMELINE COHORT 3 (Oct 2019 – Feb 2020)





SUSTAINABLE DEVELOPMENT REPORT 2019

Zero Hunger



Metric

Student Hunger

Sustainable food choices on campus

الحرمات منسوبات الجامعة
نفيدكم بأنه تم تزويد كلية النبات بالبيع الذاتي وعددها 8، عند وجود أي عطل أو ملاحظات لا تردود
في الإتصال بكتب الخدمات العامة والصيانة على الأرقام التالية :
0114948920
0515229101

تفتش في
Nona mexicano
بمناسبة اليوم الوطني يهنيي الأحد والخميس من كل اسبوع
احده شهر ابتداء من 24/سبتمبر/2018 م الي 25/اكتوبر/2018 م ...

تقديم عرض لتسويي الجامعة الأكاديمي والكشكيات

العرض كالتالي :

1- طبق الباستا وامامه طبق بالشور أو بطاطس مينا
2- حبه تالو وامامه حبه الدرن مينا
3- طبق بطاطس مع امامه مشروب مينا (بيسبي أو مياه معدنية)
4- طبق بالشور وامامه مشروب مينا (بيسبي أو مياه معدنية)

وكذلك نظائيات جامعة الامير سلطان الفتيات

العرض كالتالي :

1- طبق باستا وامامه مشروب مينا (بيسبي أو مياه معدنية)
2- حبه تالو وامامه حبه تالو مينا
3- طبق بالشور وامامه مشروب مينا (بيسبي أو مياه معدنية)

محبكم وتشرف
بخدمتكم مادامه
..... Nona mexicano

عزيزي منسوبات الجامعة

بمسكتم الآن التمتع بالمشاق لرفع لوفاتر واليايكات والكريب ونكه حبر و لافر كوفي ، والذي قد تم افتتاحه في مبنى رقم 1 الدور الأرضي بجانب مطعم باستا ايتاليانو .

ونقلوا تحياتنا...

Dear All
You can now enjoy waffles, pancake, and crepe at Waffls Coffee that is now open at building 1 ground floor next to Pasta Italiano Restaurant.

Regards.

Healthy and affordable food choices

Dear all,
A Vending machine of low-calorie and gluten free food is now available in the lobby of building (3). In case of breakdowns, do not hesitate to contact the General Services and the Maintenance Section on the following numbers:
0114948920
0114948739 0515229101

عزيزي منسوبات الجامعة ..
نود تشكركم بتوفر آلة بيع ذاتي للأغذية الصحية قليلة السعرات الحرارية والخلالية من الجلوتين، وذلك في مبنى (3) الدور الأرضي. عند وجود ملاحظات نرجو الإتصال بقسم الخدمات العامة والصيانة تحويله: 8395

Dear all ...
We would like to inform you that vending machine of low calorie and gluten free food is available in building (3) ground floor. In case of breakdowns, do not hesitate to contact the General Services & Maintenance Department Ext: 8395

الحرمات منسوبات الجامعة
نفيدكم بأنه يتوافر في كلية النبات مكان بيع ذاتي لعصير البرتقال ، استهلاكها في يوم مبنى (3) والأشهر في يوم مبنى (2) ، عند وجود أي عطل أو ملاحظات لا تردود في الإتصال بقسم الخدمات العامة والصيانة على الأرقام التالية :
0114948920 0515229101



National hunger

Access to food security knowledge



Events for local farmers and food producers



Sunday October 7th
1.00 pm to 2.00 pm

In the Large auditorium
For both Male and Female

The Interior Design Department
is pleased to invite

How to become a **Designer**
in **Sustainable Innovation?**

Speakers:

Patrick Le Quément –
founder of the Sustainable Design School of Rice,
France and designer.

Grant Linscott –
researcher/
educator and consultant in the fields of Design Thinking,
Design Strategy, and Business Innovation

2018





SUSTAINABLE DEVELOPMENT REPORT 2019

Good Health and Well-being

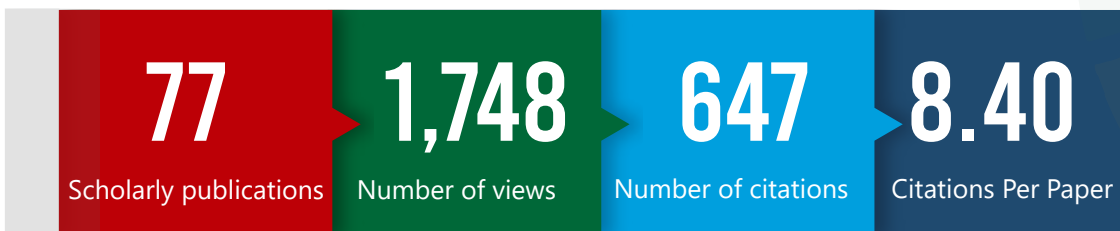


Good health and well-being ■

Prince Sultan University is fully committed to good health and wellbeing which is clearly reflected on different fronts. On research front, the university faculty members produce quality research on health issues from different perspectives, particularly computer science and engineering. PSU has entered into collaborations with local and global health institutions. For example, the university's prosthetics centre collaborates with Sultan Bin Abdulaziz Humanitarian City in Saudi Arabia and Nia Technologies Incorporation in Canada. The university also pays great attention to the health of its students and staff through wide range of policies, services and activities. Few such instances are smoke-free policy, mental health support through counselling offices at both male and female campuses, arrangement of campus visits by different hospitals and health centres to raise awareness of important health issues, such as diabetes, breast cancer, drug abuse, etc. The university extends its services to the local community to improve health and well-being through different strategies such as organizing blood donation campaigns, visiting hospitals and schools by outreach committees, holding mental health awareness sessions from Psychology Club and providing sports training through physical education clubs. The university makes its sports facilities including swimming pools, basketball and volleyball courts and football pitches, accessible to the local community in pre-scheduled programs. Additionally, the university arranges regular sports competitions for schools and other institutions and offers special sports training programs for different age groups.

Metrics ■

Research on Good health and well-being



PSU has 77 scholarly publications on Good health and well-being that has 1,748 views, cited 647 times and has 8.40 citations per paper.





Collaborations and health services ■

Current collaborations with health institutions



نظمها نادي (YDA) بالجامعة في مبنى السنة التحضيرية

حملة للتبرع بالدم لمدة ثلاثة أيام

«كفء: سلطان الجبر»
نظم نادي YDA بالجامعة لمدة ثلاثة أيام حملة للتبرع بالدم أقيمت في مبنى السنة التحضيرية بالتعاون مع مستشفى الجامعة وتطبيق «وكن» وختم الفهد وعصير الضاحية ومخاطر السعودية وجبل الطب للمستحضرات الطبية وسيرل بروكوكول.
وتأتي هذه الحملة التي تحرص الجامعة على تنظيمها كل عام، والتي لقيت إقبالاً كبيراً من منسوبيها وأساتذتها وطلابها انطلاقاً من مسؤوليتها الاجتماعية.

Research, Development and Collaboration Agreement

This Research, Development and Collaboration Agreement (Agreement)

Is made effective March 15, 2018 (Effective Date)

Between

Prince Sultan University

A duly registered university with the Ministry of Education of Saudi Arabia as a Non-Profit Private Educational Institute, whose registered office is at Riyadh, Saudi Arabia.

(PSU)



-and-

Nia Technologies Inc.

A corporation organized under the Canada Not-Profit Corporations Act.

(Nia)



(Individually a Party and collectively the Parties)

WHEREAS PSU wishes to gain knowledge from, and work with, Nia in its continuing research and development of digital tools used and useful to the prosthetics and orthotics industry (collectively the Project and often referred to by Nia as 3D PrintAbility);

AND WHEREAS Nia wishes to support, assist and collaborate with PSU in pursuit of the Project;



مؤسسة سلطان بن عبد العزيز آل سعود الخيرية
SULTAN BIN ABDULAZIZ AL-SAUD FOUNDATION

اتفاقية تعاون

إنه بتاريخ ١٤٣٩/٩/٥ هـ الموافق ٢٠١٨/٥/٢٠ م، تم بمون الله وتوفيقه توقيع هذه الاتفاقية بمدينة الرياض
ن كل من:-

١- مؤسسة سلطان بن عبد العزيز آل سعود الخيرية ومقرها الرياض وعنوانها ص ب ٦٤٤٠٠ الرياض ١١٥٣٦ ويمثلها في التوقيع على هذه الاتفاقية صاحب السمو الملكي الأمير فيصل بن سلطان بن عبدالعزيز بصفته الأمين العام ويشار إليها فيما بعد (طرف أول).

٢- جامعة الأمير سلطان ومقرها الرياض وعنوانها ص ب ٦٦٨٣٣ الرياض ١١٥٨٦ ويمثلها في التوقيع على هذه الاتفاقية صاحب السمو الأمير الدكتور عبدالعزيز بن محمد بن عياف بصفته رئيس مجلس الأمناء ويشار إليها فيما بعد (طرف ثاني).

أقر الطرفان: أعلاه بأهليتهما المعترية شرعاً ونظاماً على التعاقد والتصرف واتقيا على ما يلي:

يحدد:

حيث أن الطرف الثاني يقدم خدماته في مجال التعليم، وحيث أن الطرف الأول جهة تهدف إلى دعم المنظمات غير الربحية بغية تطوير الخدمات المسندة والمساعدة، التي تهدف إلى دعم أفراد المجتمع للمكفنين من تنمية مجتمعاتهم المحلية، وحيث سبق للطرف الأول توقيع اتفاقيات تعاون مختلفة مع الطرف الثاني ويرغب حالياً في





Health outreach programmes



SUMMARY OF OUTREACH ACTIVITY IN 2020

Dr. Suriya Hamid

Coordinator Outreach Committee

General Sciences Outreach Committee organized the second event this year "A day for our healthy hearts". The event was held on 27th February, 2020 at Building 102 main lobby from 10:00 AM to 1:00PM. A group of medical professionals from King Faisal Specialist Hospital & Research Centre Riyadh were invited by our university for this event. Five (5) booths were placed in the campus and for each booth, five professionals from (KFHS&RC) were deputed. They counseled the students, staff and admin officials and provided them with all necessary information about how to keep their hearts healthy and how to stay fit. They

also explained to them the benefits of proper nutrition. The names of the booths were as:

- Nutrition Booth
- Physical Therapy Booth
- Fitness Booth
- Nursing Heart Center Booth

Sincere thanks are due to Dr Hiba Khosliam, Dr Elham Dannoun, Dr Fahda -AlThonyan and members of outreach committee. Dr Seema Gul, Dr. Noor Hameeduddin, Ms Arooj Yaswi and Ms Neelofar Nadeem who rendered full cooperation and support to make this event a great success. I look forward, to work in association with all faculty, students and administration to make all future events a great success too.

Academic field trip to college of
medicine, King Khalid Hospital
Riyadh KSA



NCAAA Reviewers' Visit to PSU Central Library on the Women's Campus

The meeting between library staff and the NCAAA external reviewers for the IDE program accreditation went well. Two female reviewers were quite impressed by the library collections, services and equipment during their tour around the library on Feb 3rd, 2020. Kudos to the library staff.



Awareness of Children's Cancer

In observation of International Childhood Cancer Day, PSU Library (Women's Campus) plans to pay a visit to children who are now receiving cancer treatment from King Saud University Medical City on February 23 2020. To help raise awareness of children's cancer research and related issues in this country, library staff and volunteers have prepared brochure about this special event. Moreover, gifts like reading material have been provided to children with cancer at the medical city as well.



Smoke-free policy

The university makes sure that all its shareholders such as (faculty, staff, students, scholars, supportive staff and visitors) follow strict rules and make PSU, a smoke-free campus.





Shared sports facilities

Prince Sultan University
Women's Campus
Health and Physical Education Department

invites you to watch and support

4TH WOMEN'S BASKETBALL TOURNAMENT

"Train Believe, Achieve"

with

PSU Falcons
KSU Capital
PNU Titanium
AOU Wolves

March 5, 8, 12 and 15, 2020
Sports Building, PSU Women's Campus
5:00-7:00 pm



PHYSICAL EDUCATION ACTIVITIES TERM 191

SCHEDULE

ACTIVITY	DAY	TIME	VENUE
Basketball	Thursday	2-5 PM	SB08
Volleyball	Monday & Wednesday	12-1 PM	SB08
Indoor-Soccer	Sunday Tuesday Thursday	12-1 PM 4-5 PM 1-2 PM	SB08
Badminton	Sunday Thursday	4-5 PM 12-1 PM	SB 08
Handball	Tuesday	12-1 PM	SB 08
Bowling	Sunday & Wednesday Tuesday	12-1 PM 11 AM-12 PM	SB03
Yoga	Sunday	12-1 PM	SB06
Pilates	Sunday	2-3 PM	SB06
Zumba	Tuesday	12-1 PM	SB06
Aqua-aerobics	Monday	12-1 PM	S201
Nutrition Consultation	Monday to Wednesday	12-1 PM	S313

JOIN US!!!

Don't forget to wear appropriate sports attire...

PHYSICAL EDUCATION WEEK 2019

MOTHER + KIDS FUN DAY

@PSU WOMEN'S BASKETBALL GTM

FILLED WITH FUN GAMES AND PRIZES FOR ALL MOTHERS AND KIDS!!

THURSDAY MARCH 21 @4-6 PM

ENJOY & HAVE FUN!!!

Mental health support

LEARNING THROUGH SHARING
EXPERIENCES AND DISCUSSION
FOR SOLUTION

21st of June
8-9 PM

SOURCES OF ANGER AND ITS MANAGEMENT WORKSHOP

PRESENTER:
MS.GHAZALA IMRAN

FELLOW HEA UK
FACULTY DES,PSU

COORDINATOR STUDNETS AFFAIR PYP,DES

COORDINATOR PSYCHOLOGY CLUB & SLEC

<https://meet.google.com/kdg-puio-rfr7?authuser=2>

TLC
Teaching & Learning Center
psu@psu.edu.sa

SPONSORED BY:
Psychology Club

جامعة الامير سلطان
PRINCE SULTAN UNIVERSITY

WORKSHOP For Students

"Self-help techniques to control nervousness and panics in exams"

FOR MALE AND FEMALE

SUNDAY 1st MARCH, 2020
VENUE: Prince Sultan Hall / from 12:00 to 1:00 PM





SUSTAINABLE DEVELOPMENT REPORT 2019

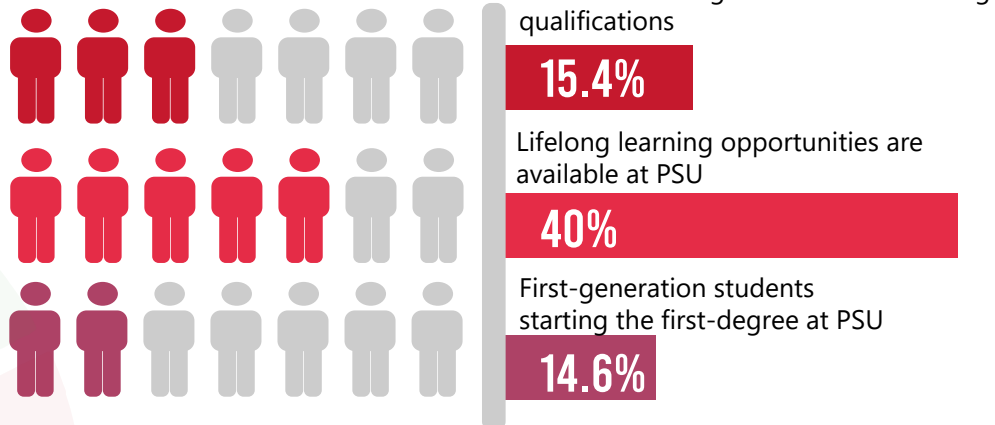
Quality Education



Quality Education ■

PSU is committed to the United Nations' Sustainable Development Goals (SDGs), the 4th goal being quality education. With the goal in place, the members of PSU community is toiling hard which is visible through the outcomes that the university accomplished. PSU follows a certain metrics to measure such milestones. Here is an overview of activities accomplished by the university.

Overview of activities accomplished by the university



Source: Academic Year 2019

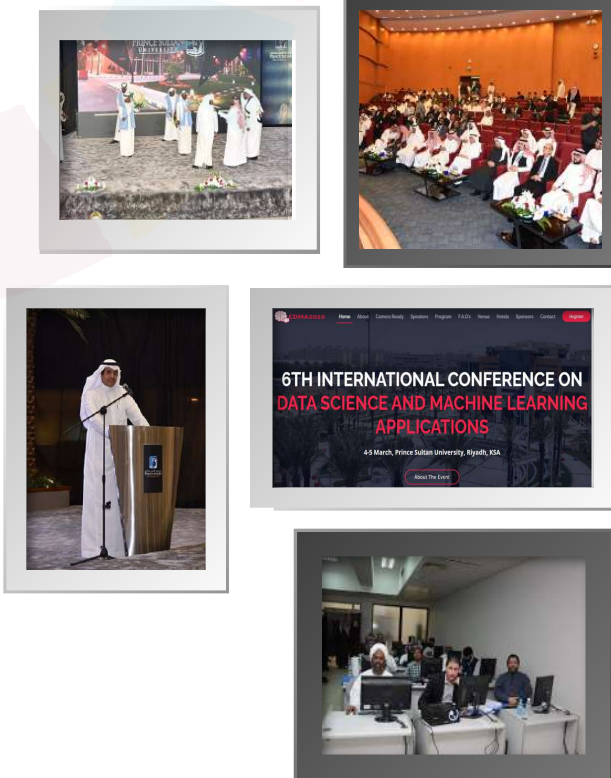
Achievements ■

CDMA2020: The 6th International Conference on Data Science and Machine Learning Applications

CDMA2020, the 6th edition of 'International Conference on Data Science and Machine Learning Applications' is aimed to gather researchers and Applications developers from a wide range of Data Science related areas such as data analytics, computational intelligence, machine learning, deep learning, pattern recognition, databases, Big Data and Visualization. The Conference will provide opportunities for technical collaboration among data science and machine learning researchers, developers and practitioners in Saudi Arabia, GCC countries and Middle-East region. Acceptance will be based primarily on originality, significance and quality of contribution. All submissions will undergo a blind peer review process before acceptance and possible inclusion in the proceedings of the conference.

Venue: Prince Sultan University, Riyadh, Saudi Arabia

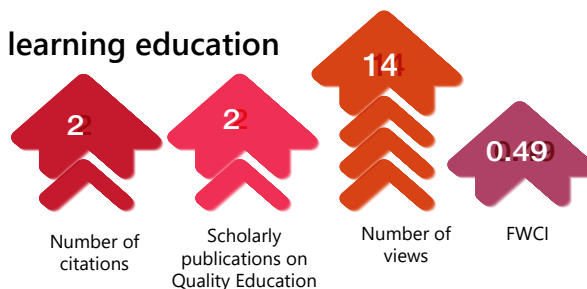
Date : Wednesday – Thursday (4th - 5th March, 2020)



Metrics ■

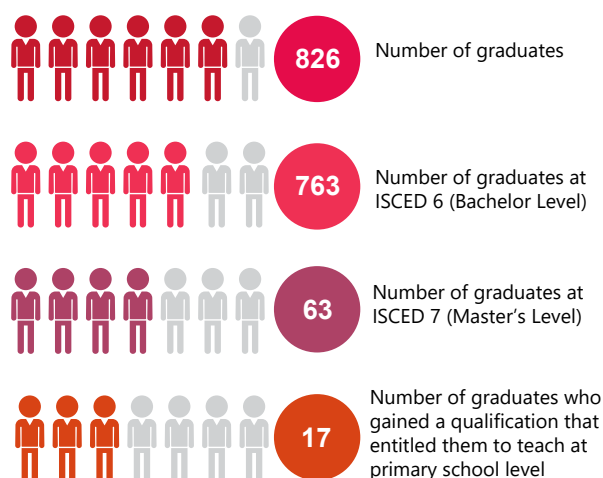
Research on early years and lifelong learning education

This focuses on research that is relevant to pedagogy, measuring paper views, the proportion of papers in the top 10 per cent of cited journals and the volume of research produced.



Source: Academic Year 2019

Proportion of graduates with teaching qualification



Source: Academic Year 2019

In order to understand how a university is supporting early years education, this measures the proportion of university graduates who receive a degree that would enable them to teach at primary school level in their country. Since PSU does not have a college of education, the number is focused on college of humanities graduates who were qualified to teach English as foreign languages. The number reflects the graduates who has Teaching English as a Foreign Languages (TEFL).

Lifelong learning measures

The PSU community is driven by a shared purpose: to make a better world through education, research, and innovation. We are fun and quirky, inventive and artistic, obsessed with numbers, and welcoming to talented people. PSU Mission states "Prince Sultan University aims to provide the Middle East with a quality education to the highest international standards. In its efforts towards a successful and responsible life-long learning, PSU integrates modern technology, pedagogy and human values for the advancement of scientific research, productivity and leadership towards a more meaningful social life.



Source: Academic Year 2019



Proportion of first-generation students

This focuses on research that is relevant to pedagogy, measuring paper views, the proportion of papers in the top 10 per cent of cited journals and the volume of research produced.


518

Number of students starting a degree


76

Number of first-generation students starting a degree

Source: Academic Year 2019





SUSTAINABLE DEVELOPMENT REPORT 2019

Gender Equality

Gender Equality ■

Proportion of First Generation Women Starting a First Degree

**38.0%**

First Generation Women Starting a First Degree

**62.0%**

Women Starting a First Degree

Proportion of Women in Senior Positions

**53.0%**

Men

**47.0%**

Women

First Degree Graduates - STEM

**54.0%**

Men

**46.0%**

Women

First Degree Graduates - Arts, Humanities and Social Sciences

**25.0%**

Men

**75.0%**

Women

Source: Academic Year 2019

Proportion of women in senior positions is 47%. Moreover, female students represent 46% from STEM program graduates and 75% from HUMANITIES program graduates.

Achievements ■

PSU WiDS Forum, 2019

The PSU Women in Data Science (WiDS) forum aims at promoting a higher representation of women in data science and expose the latest data science research and practices in the Arab Middle East. Prince Sultan University represented by the CCIS organized the third Women in Data Science (WiDS) forum, 2019. Prince Sultan University (PSU) organized the forum in collaboration with Stanford University. It aims at fostering interest and professional participation by women in not only data science, but also in engineering and computer science as a whole. PSUxStanfordWiDS brings together high profile international researchers and industry pioneers. Prince Sultan University (PSU) is the WiDS Ambassador for Stanford and the forum aims at



exposing the latest data science research and practices in Arab, Middle East by promoting the exchange of ideas, encouraging mentorship and interdisciplinary collaboration.

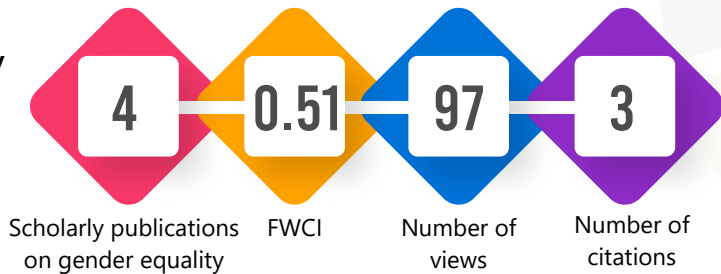
PSU is the first university to address data science in the Kingdom of Saudi Arabia in partnership with the Stanford Institute for Computational and Mathematical Engineering, Stanford. Guest speakers include Arab and international female data scientists in academia, corporations, and start-ups. This is a global event represented by PSU in the Kingdom of Saudi Arabia.



Metrics

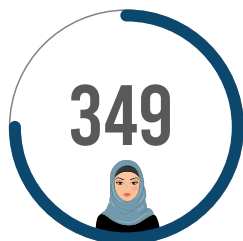
Research on gender equality

PSU has 4 scholarly publications on gender equality that has been cited for 3 times and viewed for 97 times.

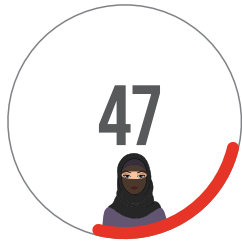


Source: Academic Year 2019

Proportion of first-generation female students



Number of women starting a degree



Number of first-generation women starting a degree

Source: Academic Year 2019

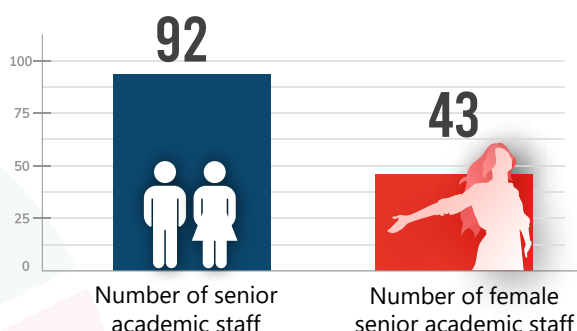
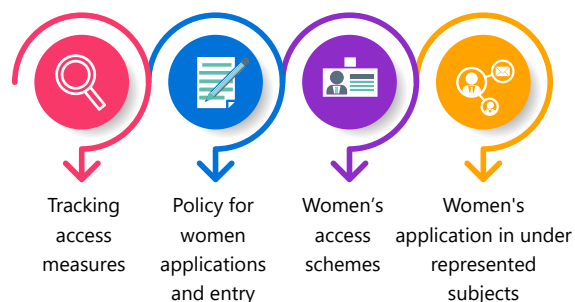
PSU's total number of students for academic year 2019 is 5,442. The number of students starting a degree is 518 while the number of first generation students starting a degree is 76. PSU's total number of students for academic year 2019 is 5,442. The number of students starting a degree is 518 while the number of first generation students starting a degree is 76. The number of women starting a degree is 349. The number of first generation women starting a degree is 47, which represents 13.4%.





Student access measures

PSU systematically tracks and has clear policies for application, acceptance and completion rates for female students. PSU also provides appropriate women's access schemes and encourages applications in areas where women are under-represented.



Source: Academic Year 2019

Proportion of senior female academics

In PSU, women hold important senior positions at different levels. PSU has a total number of 803 employees, including 395 academic staff.

Among the academic staff, 92 members hold senior positions. The number of female senior academic staff is 43, representing 47% of the total of number of academic staff with senior positions.

Women's progress measures

PSU has well-established policies for non-discrimination against women, for maternity and paternity and for protecting the rights of those reporting cases of discrimination.

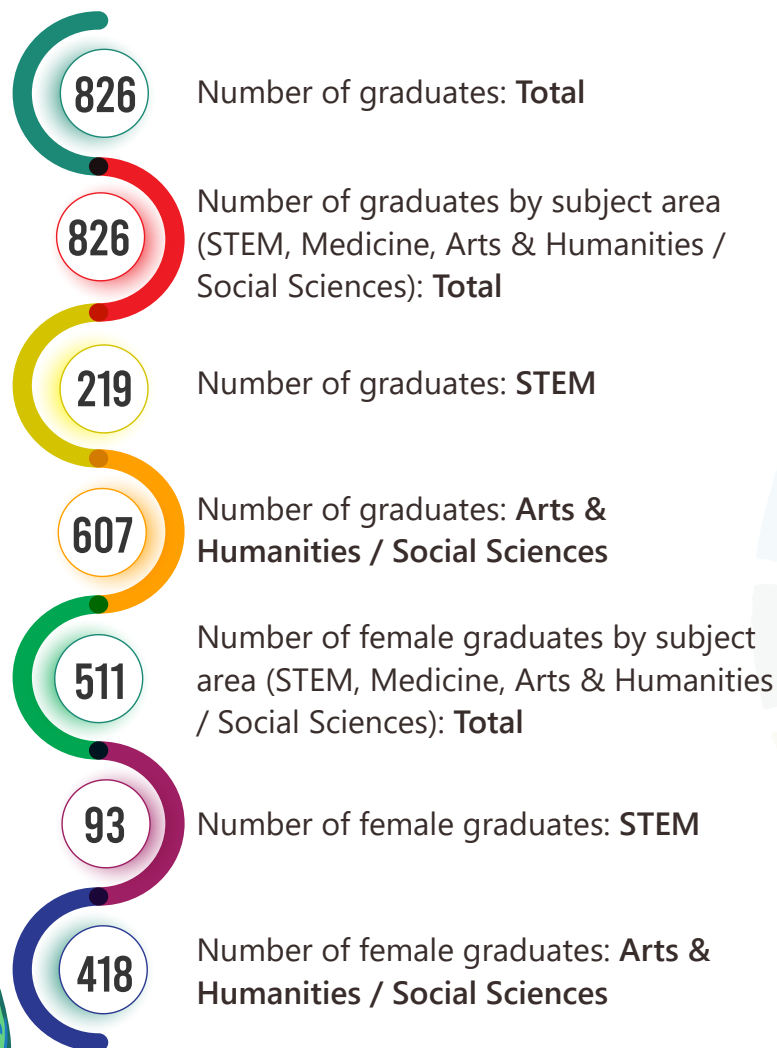


Source: Academic Year 2019



Proportion of women receiving degrees

PSU has a total of 753 graduates in 2018-2019. In STEM, the total number of graduates is 223, among whom 103 are women which represents 46.2%.



Source: Academic Year 2019





Goal in Action ■





SUSTAINABLE DEVELOPMENT REPORT 2019

Clean Water and Sanitation



Clean Water and Sanitation

Prince Sultan University is committed to efficient use of all natural resources including water. PSU promotes conscious water usage on campus with regards to no water wastage and landscaping of plants to minimize water usage. Free clean drinking water is provided to all the employees and students in campus.

Metrics

Water usage and care

Preventing water system pollution

Inter-Office Memo مذكرة داخلية

Circular تعميم

Kindly be informed that, due to maintenance work, which includes disinfection and sterilization procedures for the main university water tank, water will be cut off for buildings (101, 102, 103 and 104). This will start on Tuesday 05/02/1442 AH corresponding to 22/09/2020 AD at 4:00 pm and end Saturday 09/02/1442 AH, corresponding to 26/09/2020 AD, at four in the afternoon.

Best regards

نظراً لأعمال الصيانة والتي تشمل إجراءات التطهير والتعقيم لخزان الجامعة الرئيسي للعباء سوف يتم قطع الماء عن المباني (١٠٤، ١٠٣، ١٠٢، ١٠١) وذلك من يوم الثلاثاء ١٤٤٢/٠٢/٠٥ الموافق ٢٠٢٠/٠٩/٢٢ في تمام الساعة الرابعة عصراً وحتى يوم السبت ١٤٤٢/٠٢/٠٩ الموافق ٢٠٢٠/٠٩/٢٦ في تمام الساعة الرابعة عصراً.

والله الموفق ...

نائب رئيس الجامعة للشؤون الإدارية والمالية
Vice President for Administrative & Financial Affairs

إ.د. سعد بن صالح الرويثع
Prof. Dr. Saad S. Al-Rwaita

- Office of the Chairman, Board of Trustees
- President of the University
- Vice President for Academic Affairs
- Deputy Vice President for Academic Affairs and Acting Dean, Deanship of Educational Services
- Deputy Vice President for Women Campus and Vice Dean for Admissions & Registration, Women Campus
- Secretary General, Center for Local Governance
- Dean, College of Business Administration
- Dean, Deanship of Admissions and Registration
- Dean, College of Computer & Information Sciences
- Dean, Deanship of Student Affairs
- Dean, College of Law
- Dean, College of Engineering
- Dean, College of Humanities
- Director, Community Ser. & Cont. Education Center
- Director, Human Resources Department

- صورة مع التجه لمكتب سمو رئيس مجلس الأمناء للإحاطة.
- صورة مع التجه لمساعدة رئيس الجامعة للإحاطة.
- صورة مع التجه لمساعدة نائب رئيس الجامعة للشؤون الأكاديمية للإحاطة.
- صورة مع التجه لمساعدة نائب الرئيس المساعد للشؤون الأكاديمية والعديد المكلفات التعليمية للإحاطة.
- صورة مع التجه لمساعدة نائب رئيس الجامعة لشؤون البنات ووحدة القبول والتسجيل للإحاطة.
- صورة مع التجه لمساعدة الأمين العام لمركز الإدارة المحلية للإحاطة.
- صورة مع التجه لمساعدة عميد كلية إدارة الأعمال للإحاطة.
- صورة مع التجه لمساعدة عميد القبول والتسجيل للإحاطة.
- صورة مع التجه لمساعدة عميد كلية علوم الحاسب والمعلومات للإحاطة.
- صورة مع التجه لمساعدة عميد شؤون الطلاب للإحاطة.
- صورة مع التجه لمساعدة عميد كلية القانون للإحاطة.
- صورة مع التجه لمساعدة عميد كلية الهندسة للإحاطة.
- صورة مع التجه لمساعدة عميد كلية الآداب للإحاطة.
- صورة مع التجه لمساعدة عميد كلية الدراسات العليا للإحاطة.
- صورة مع التجه لمساعدة عميد كلية الدراسات العليا للإحاطة.
- صورة مع التجه لمساعدة مدير إدارة الموارد البشرية للإحاطة.



1 The first and the leading non-profit private University in the Kingdom of Saudi Arabia.

ص.ب. ٦٦٨٣٣ الرياض ١١٨٦٦ - المملكة العربية السعودية P.O.Box 66833 Riyadh 11586 - KSA
هاتف: +96611 494 8112 • فاكس: +96611 494 8121 • www.psu.edu.sa





Free drinking water provided



Water in the community

PSU entered into an agreement with National Water Company to rationalize water consumption.

Cooperation on water security




مذكرة تفاهم

بين شركة المياه الوطنية والجهات الحكومية والخاصة

مقدمة

تهدف شركة المياه الوطنية وهي شركة مساهمة سعودية مملوكة بالكامل للدولة متمثلة في صندوق الاستثمارات العامة تقوم بتقديم خدمات المياه والصرف الصحي وفقاً لأحدث المعايير العالمية، وتسعى من خلال تقديم مبادرة خفض الاستهلاك المياه بالتعاون مع عدد من الجهات الحكومية والخاصة في تنفيذ تجربة تركيب أدوات الترشيد ومراقبة الاستهلاك المياه وتقديم خلاصة النتائج التي تحقق الوفرة المالي والمالي لجهات المشاركة عبر عدة مجالات للتعاون:

- دراسة الاستهلاك المياه وتقديم التقييم المبني للتجربة.
- تحديد المباني المستهدفة واختيارها ضمن شروط التجربة.
- تركيب أدوات الترشيد المناسبة للمباني المستهدفة وفق معايير الهيئة العامة للمواصفات والمقاييس.
- متابعة الاستهلاك وأعداد التقارير اللازمة للتجربة
- تزويد الجهات المشاركة بالنتائج النهائية لخفض الاستهلاك.
- مشاركة الإعلامية بين شركة المياه الوطنية والجهات المشاركة.

ولذا تسعى شركة المياه الوطنية عبر خبراتها ومصادرها التقنية والبشرية الى تقديم أفضل الحلول لوقف الهدر المائي وتحقيق الاستدامة وفق رؤية المملكة العربية السعودية ٢٠٣٠م وأهداف البرنامج الوطني ٢٠٢٠م.








SUSTAINABLE DEVELOPMENT REPORT 2019

Affordable and Clean Energy



Affordable and Clean Energy ■

Prince Sultan University taken efforts on bringing the environment pollution free and contribute towards climate change. As an important stakeholder, PSU contributes towards the achievement of sustainable cities and communities through various events, practices, and research. It regularly organizes events and exhibitions for students and employees to promote the affordable, clean and sustainable energy for all.

The strong commitment can be witnessed from the type of support provided in events related to clean energy, EV and the sustainable practices followed for sustainable PSU campus to promote renewable energy and energy efficiency, research contribution on microgrid and EV, etc. Moreover, the integration of clean and affordable energy as an important topic is endorsed in our curriculum and outreach.

Achievements ■

MoU with Koncar

The Prince Sultan University is involved in several industrial collaborations that are leading the way in the search for alternative energy sources. One such example comes from our Renewable Energy Lab, who are in cooperation with Koncar Power Plant Electric Traction, Croatia for a collaborative consultancy project on microgrids test bench for EV charging and renewable energy.

The focus areas of the sponsors chosen business themes towards Saudi Vision 2030 and United Nations Sustainable Development Goals (SDG 7, 9, & 11). The chosen themes help students, researchers, and faculty to gain the knowledge and experience on new technologies in the clean energy domain.








MoU with Power and Telecom Technologies Co., KFB Holding Group, Riyadh

Prince Sultan University is involved in several industrial collaborations that are leading the way in the search for alternative energy sources. One such example comes from our Renewable Energy Lab, who are in cooperation with Power and Telecom Technologies Co., KFB Holding Group, Riyadh for a collaborative consultancy project on investigations on minimizing electricity cost and feasibility study of self-sustainable campus.

The main objective of the project is to study PSU Lighting electricity network to provide Strategic solutions as per the sustainable development goals (SDG 7, 9, & 11).

- Benchmarking the energy usage with Solar based LED Lighting
- Implementing stepping stones for the Localization Target within renewable energy based lighting sector in context of the Vision 2030



A PSU - POWER & TELECOM TECHNOLOGIES CO. COLLABORATIVE CONSULTANCY PROJECT
on
**INVESTIGATIONS ON MINIMIZING ELECTRICITY COST AND
FEASIBILITY STUDY OF SELF-SUSTAINABLE CAMPUS**

1. Aim:

The main objective of the project is to study PSU Lighting electricity network to provide Strategic solutions as per the sustainable development goals (SDG 7, 9, 11, 12, 13, 17)

- * Benchmarking the energy usage with Solar based LED Lighting
- * Clear plan for executing energy saving measures by identifying the energy Intensive electrical utilities inside the campus
- * Financial benefit (reduction in the billing cost), investment and payback period

2. Team Members:

Members from PSU:

Dr Umashankar Subramaniam, Renewable Energy Lab, College of Engineering

Dr Dhafer Almakhlis, Renewable Energy Lab, College of Engineering

Members from Industry:

Mr. Waleed Alboayz, Vice President, Power & Telecom Technologies Co., KFB Holding Group, Riyadh, Kingdom of Saudi Arabia

Mr. Nidal Barghouti, General Manager, Power & Telecom Technologies Co., KFB Holding Group, Riyadh, Kingdom of Saudi Arabia

Mr. Jafar Ali Tlaip, Product Manager, Power & Telecom Technologies Co., KFB Holding Group, Riyadh, Kingdom of Saudi Arabia

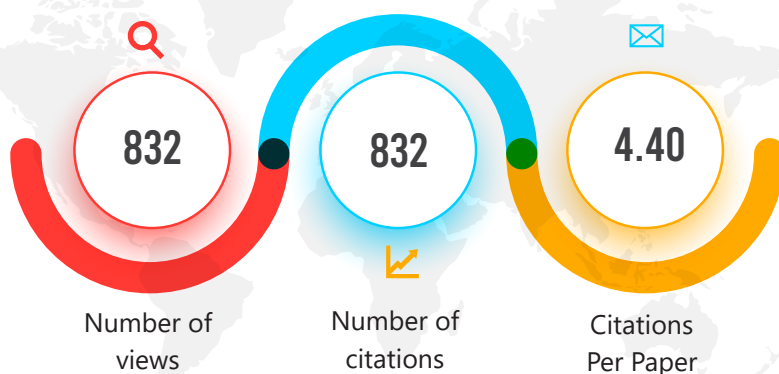
Mr. Dileep V Raj, Pre Sales Engineer – Solar, Power & Telecom Technologies Co., KFB Holding Group, Riyadh, Kingdom of Saudi Arabia



Metrics

Research on affordable and clean energy

PSU's scholarly output researches related to affordable and clean energy in the past academic year has 832 views, cited 832 times and has 4.40 citations per paper.



Renewable Energy lab, PSU is showing a serious commitment to encourage its researchers to increase their productivity in this field.





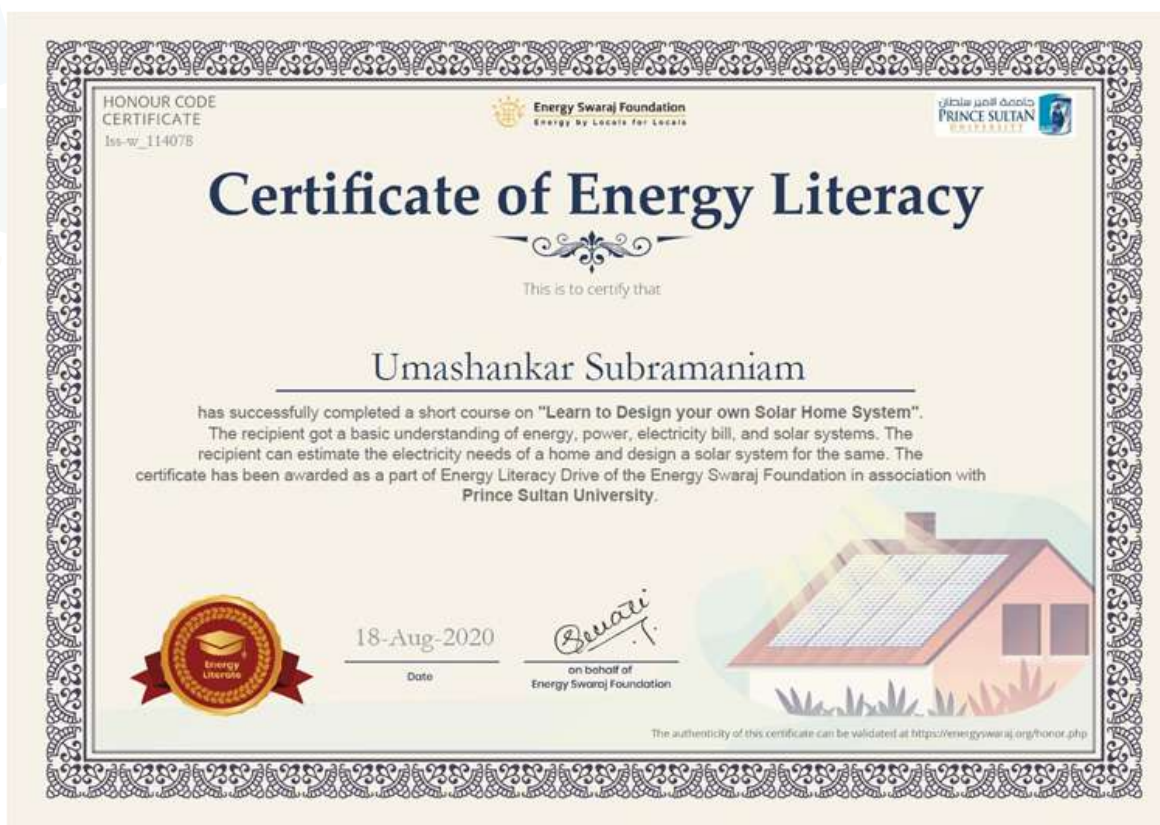
Energy and the community

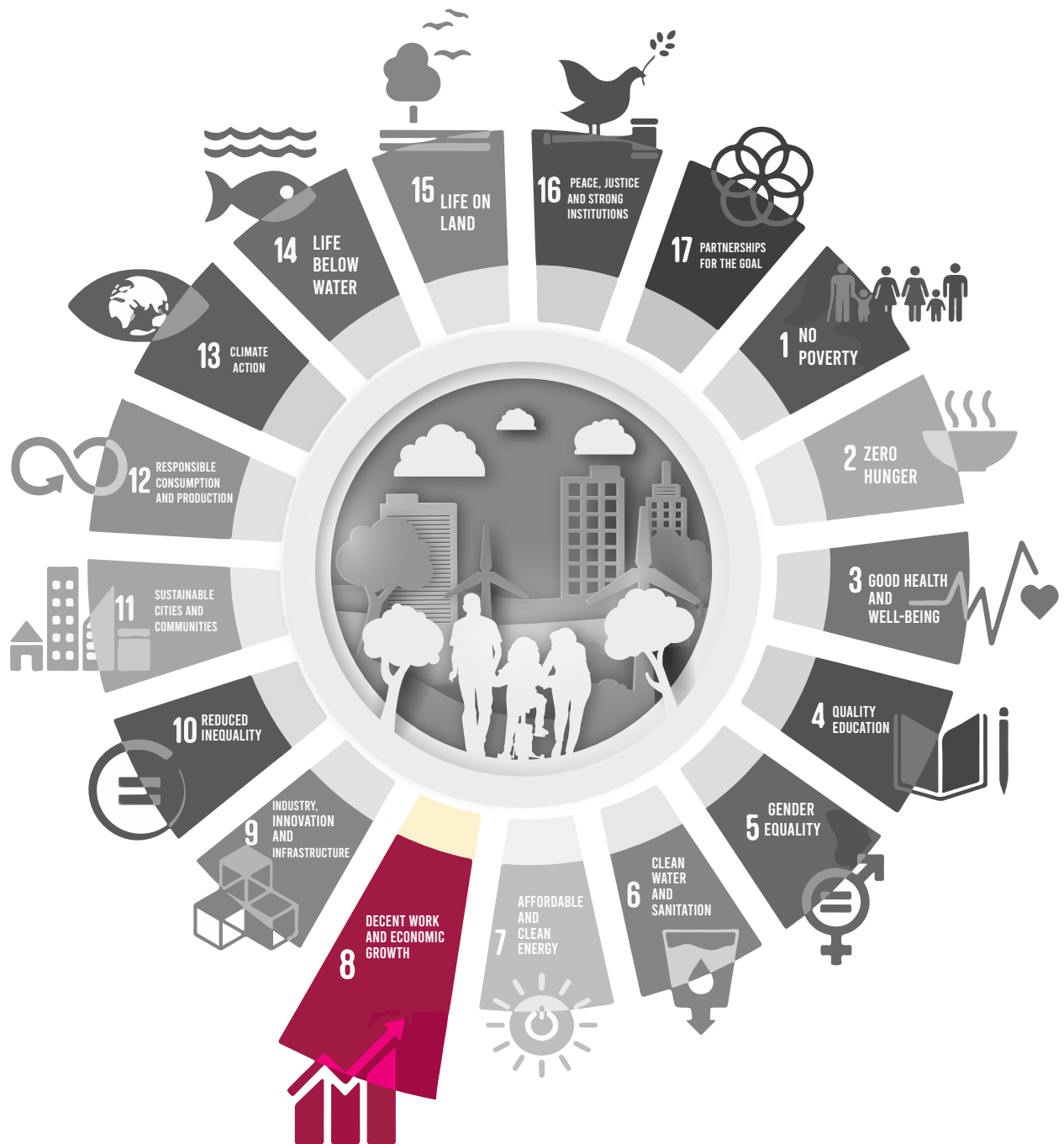
PSU is partnered with ESF for achieving the following sustainable development goals (SDG 7,11,13 & 17), to promote 100% renewables and to train the students, researchers, faculty, and technical staff in PSU on Solar PV System Design with digital certification.

100% renewable energy pledge

Climate change is a major concern, which needs a collective response to mitigate its catastrophic effects. Energy Swaraj Foundation (ESF) is igniting the Energy Swaraj Movement to bring awareness to people on energy and climate change to make this planet liveable for the sake of our future generations. Renewable Energy Lab, PSU is partnered with ESF for achieving the following sustainable development goals (SDG 7,11,13 & 17), to promote 100% renewables and to train the students, researchers, faculty, and technical staff in PSU on Solar PV System Design with digital certification.

Energy Swaraj Foundation & Renewable Energy Lab jointly organised the “Learn to Design your Solar System.” This course gives a unique opportunity to become Energy Literate irrespective of their educational background and experience.





SUSTAINABLE DEVELOPMENT REPORT 2019

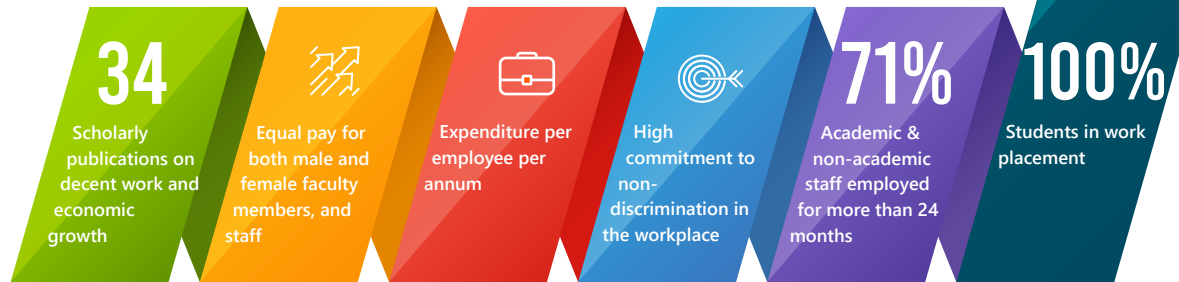
Decent Work and Economic Growth



Jubilation Office ■

PSU ensures positive and joyful working environment through the Jubilation office.

SR 352,520



Source : Academic Year 2019

Achievements ■

1st International Symposium on MENA Economies and Markets

The BSE Lab recently organized an international symposium titled: "1st International Symposium on MENA Economies and Markets" from 4-5th December 2019 which included a key note address by Dr. Avanidhar Subrahmanyam, distinguished Professor of Finance and Goldyne and Irwin Hearsh Chair in Money and Banking, University of California at Los Angeles (UCLA). Earlier this year, the lab had also invited Prof. Marc Fetscherin from Rollins College, USA for guest lectures at the university. The lab is working in close collaboration with the Society for the Study of Emerging Markets with a distinguished professor, Dr. Ali M. Kutan involved.



Visit of Minister of Labour, H.H. Ahmed Bin Sulaiman Al Rajhi to the Education for Employment Graduation Ceremony

Minister of Labour, Mr. Ahmed Bin Sulaiman Al Rajhi visited PSU graduation ceremony of the fifth and sixth batch for Education for Employment.



Prince of Riyadh, H.H Prince Faisal Bin Bandar's visit to PSU

Prince of Riyadh, H.H Prince Faisal Bin Bandar visited PSU graduation ceremony for the year 2018-2019.



H.H Prince Faisal Bin Sultan Bin Abdulaziz's visit to PSU

H.H Prince Faisal Bin Sultan Bin Abdulaziz visited PSU to sign a memorandum of understanding between PSU and Sultan Bin Abdulaziz Al Saud Foundation.





Metrics ■

Research on economic growth and employment

PSU has 34 scholarly publications on decent work and economic growth that has been viewed for 1066 times and cited 101 times.



Source : Academic Year 2019

Expenditure per Employee

PSU maintains an extremely high degree of faculty satisfaction and a retention rate of over 90%. The total expenditure on employee is SR 283,073,764 per year. The university president welcomes faculty back for the new academic year. A number of new faces are sprinkled among the returning faculty. The university president welcomes faculty back for the new academic year. A number of new faces are sprinkled among the returning faculty. PSU maintains an extremely high degree of faculty satisfaction and a retention rate of over 90%.



Source : Academic Year 2019

Proportion of students taking work placements

In alignment with the PSU mission which emphasizes on lifelong and service based learning, all 15 undergraduate programs offered at PSU have incorporated a career related professional program.

Employment Placement

PSU has 5 Graduate Programs & 15 Undergraduate programs. In alignment with the PSU mission



which emphasizes on lifelong and service based learning, all 15 undergraduate programs offered at PSU have incorporated a career related professional program: 28-week program Co-Operative Education (COOP) which is equivalent to 10 accredited academic hours. However, the Accounting Internship program is a 12-week program, equivalent to 3 accredited academic hours. The COOP is a core requirement for all undergraduate students at PSU upon completion of their coursework in their program. Most of PSU students complete their coop placement in the big four.

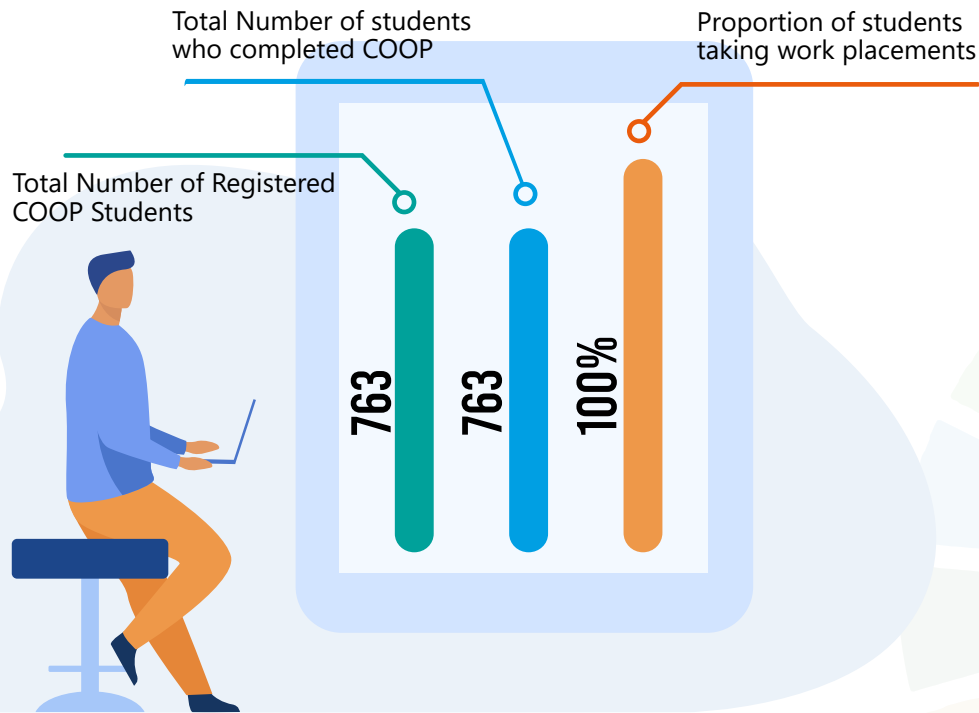
Deloitte.



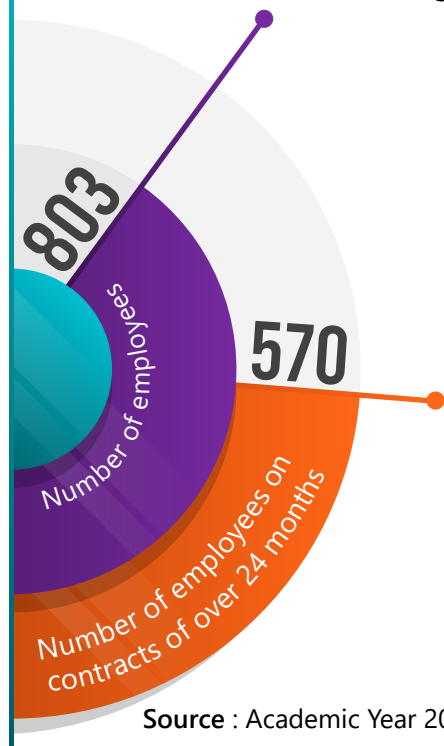
pwc

KPMG

EY Building a better working world



Source : Academic Year 2019



Source : Academic Year 2019

Proportion of employees on secure contracts

PSU is committed to provide safe and secure work environment. More than 71% of all academic and non academic staff at PSU has worked for more than 24 months, depicting a high level of employment security.





Employment Practices

PSU is committed to enhanced employment practices for both staff and faculty members.

Employment practice living wage



The University is committed to pay all employees, staff and faculty, what they deserve in compliance with the Saudi local living wage laws

Employment practice unions



PSU is very transparent with all its employees (faculty and staff) about their work rights in compliance with the Saudi labor laws. The university updates their governing and regulations booklets and distributes them to all staff and faculty members. PSU follows rules and regulations of The Saudi Ministry of Human Resources and Social Development

Employment policy on discrimination



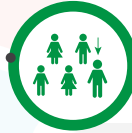
PSU has a zero tolerance policy for any kind of discrimination at work

Employment policy modern slavery



The university rules and regulations are aligned with The Ministry of Human Resources and Social Development workplace laws. There is a zero tolerance policy for any kind of violation of employees human rights

Employment practice equivalent rights outsourcing



The university makes sure that all employees (faculty and staff) understand the outsourcing work rights, rules and regulations

Employment policy pay scale equity



PSU has a policy on pay scale equity including its commitment to measurement and elimination of gender pay gaps. The university human resources department actively ensures equal pay for both genders faculty and staff

Tracking pay scale for gender equity



PSU respects gender equality in terms of payroll for faculty and staff from both genders

Employment practice appeal process



The last page of the contract that is signed by stakeholders. Prior contract signing, the employee can appeal with a letter to the president through the human resources personnel their desires in terms of payment. After the President's decision, the contract would be signed by both stakeholders



SUSTAINABLE DEVELOPMENT REPORT 2019

Industry, Innovation and Infrastructure



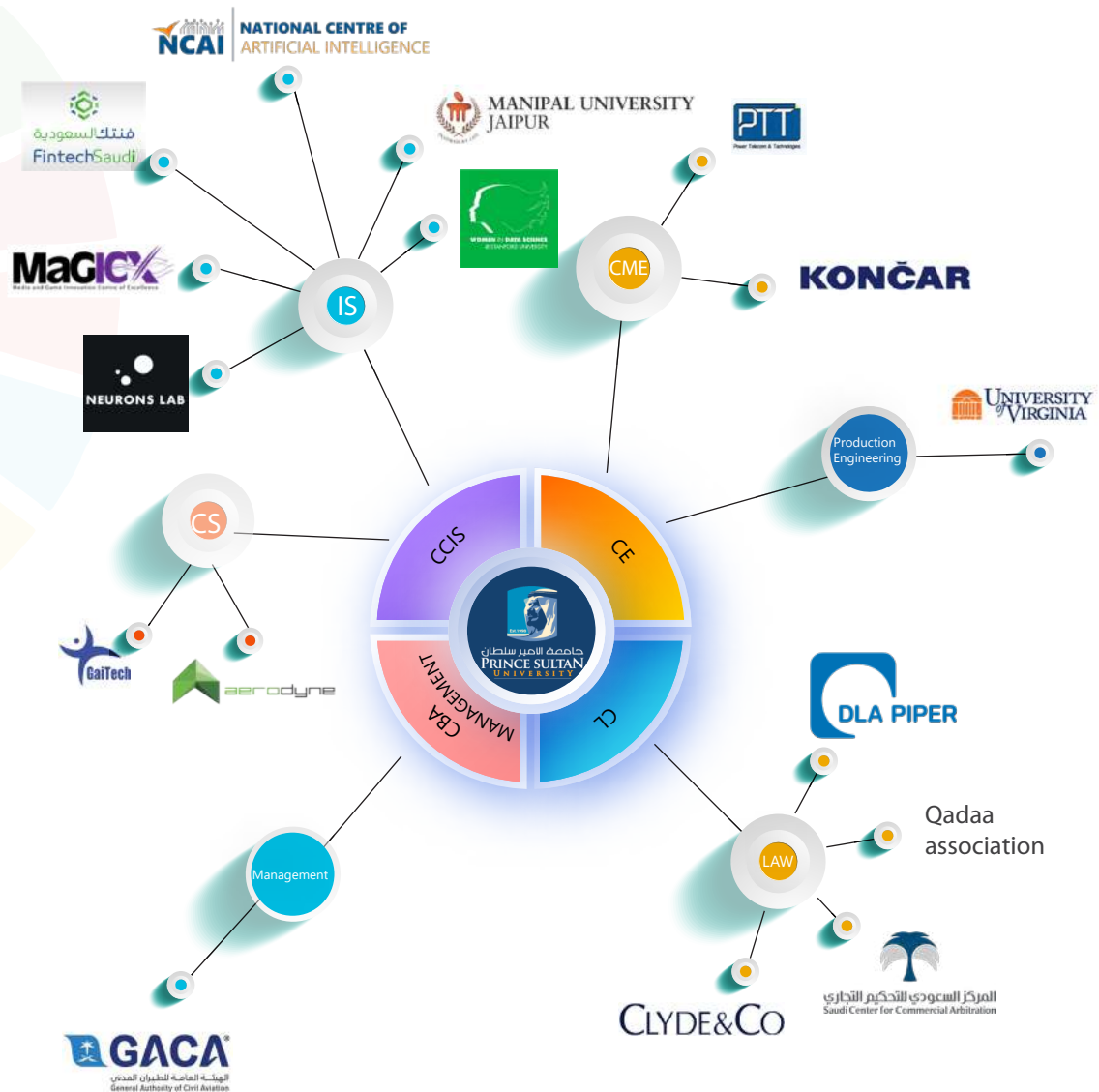
Industry, Innovation and Infrastructure ■

Prince Sultan University has been encouraging faculty members to establish external collaborations with academic and industrial partners. At present, there are several on-going collaborations in place to have dynamic and robust environment in the university. In addition, to support innovation, PSU has been sponsoring patent applications. With two published patents, a total of six more patents applications have been filed in collaboration with 'Oblon patent office' at the US patent office which are under evaluation.

Achievements ■

Collaboration with external partners

Several faculty members have established collaborations with international and local, academic and industrial partners. Currently there are 16 on-going collaborations.



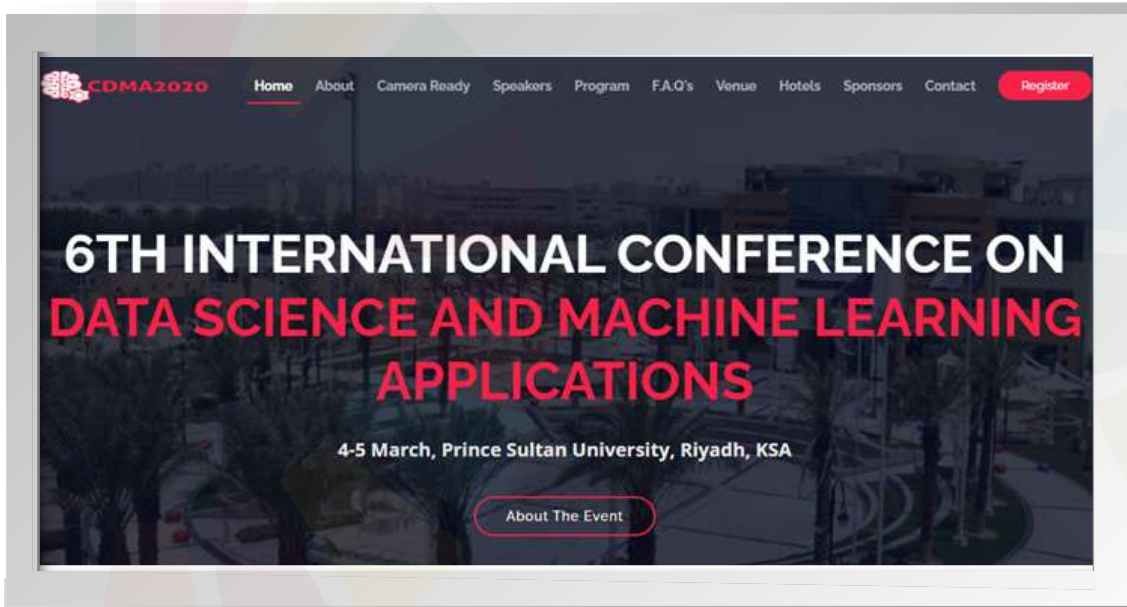


CDMA2020 : The 6th International Conference on Data Science and Machine Learning Applications

CDMA2020, the 6th edition of 'International Conference on Data Science and Machine Learning Applications' is aimed to gather researchers and Applications developers from a wide range of Data Science related areas such as data analytics, computational intelligence, machine learning, deep learning, pattern recognition, databases, Big Data and Visualization. The Conference will provide opportunities for technical collaboration among data science and machine learning researchers, developers and practitioners in Saudi Arabia, GCC countries and Middle-East region. Acceptance will be based primarily on originality, significance and quality of contribution. All submissions will undergo a blind peer review process before acceptance and possible inclusion in the proceedings of the conference.

Venue: Prince Sultan University, Riyadh, Saudi Arabia

Date : Wednesday – Thursday (4th - 5th March, 2020)



البنك السعودي للاستثمار
The Saudi Investment Bank



وزارة التعليم
Ministry of Education



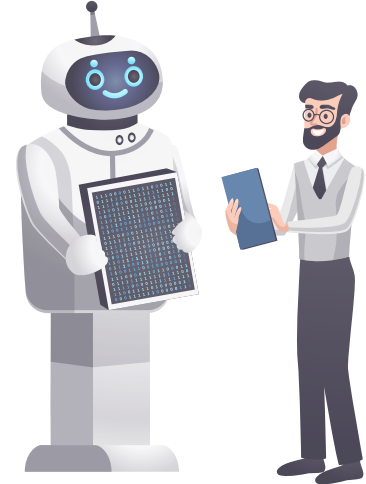
<http://iee.org/r8>





Research supported by Gaitech Robotics

PSU received research funding from Gaitech Robotics – China, for software development by the RIOTU Lab at PSU for the company.



Patents

PSU researchers were able to secure two patents based on individual efforts and collaboration with external researchers while the PSU researchers made prominent contribution in concept development and mechanisms involved.

Platoon vehicle management



US 20100256852A1

(19) United States		(10) Pub. No.: US 2010/0256852 A1
(12) Patent Application Publication		(43) Pub. Date: Oct. 7, 2010
Mudalige		
(54) PLATOON VEHICLE MANAGEMENT		Publication Classification
(75) Inventor:	Upali Priyantha Mudalige, Troy, MI (US)	(51) Int. Cl.
Correspondence Address: CICHOSZ & CICHOSZ, PLLC 129 E. COMMERCE MILFORD, MI 48381 (US)		G05D 1/00 (2006.01)
		G06F 19/00 (2006.01)
		(52) U.S. Cl. 701/24
		(57) ABSTRACT
A method for controlling a plurality of vehicles to operate the plurality of vehicles in a platoon includes, within a leader vehicle selected from the plurality of vehicles: monitoring through a vehicle-to-vehicle communication a respective actual position of each of the plurality of vehicles that is not the leader vehicle based upon data from a respective global positioning device within each of the plurality of vehicles that is not the leader vehicle, determining distances to operate the plurality of vehicles in the platoon based upon the respective actual positions of each of the plurality of vehicles, and selecting a respective commanded vehicle position including a respective global positioning coordinate for each of the plurality of vehicles based upon the determined distances. Each respective commanded vehicle position is transmitted to the respective one of the plurality of vehicles that is not the leader vehicle, and each respective one of the plurality of vehicles that is not the leader vehicle is operated based upon the respective commanded vehicle position.		
(73) Assignee:	GM GLOBAL TECHNOLOGY OPERATIONS, INC., Detroit, MI (US)	
(21) Appl. No.:	12/749,659	
(22) Filed:	Mar. 30, 2010	
Related U.S. Application Data		
(60) Provisional application No. 61/167,121, filed on Apr. 6, 2009.		

Z Li, O Karoui, AKoubaa, M Khalgui, E Guerfala, E Tovar, N Wu

US20100256852A1 - US Patent: 9,927,816

A method for controlling plurality of vehicles to operate the plurality of vehicles in a platoon includes, within a leader vehicle selected from the plurality of vehicles.





Estimation of glucose rate of appearance, endogenous glucose production and insulin dependent glucose utilization from continuous glucose sensors and subcutaneous insulin deliver



US010297353B1

(12) **United States Patent**
Al-Matouq

(10) **Patent No.:** **US 10,297,353 B1**
(45) **Date of Patent:** **May 21, 2019**

(54) **ESTIMATION OF GLUCOSE RATE OF APPEARANCE, ENDOGENOUS GLUCOSE PRODUCTION AND INSULIN DEPENDENT GLUCOSE UTILIZATION FROM CONTINUOUS GLUCOSE SENSORS AND SUBCUTANEOUS INSULIN DELIVER**

(71) Applicant: **Prince Sultan University, Riyadh (SA)**

(72) Inventor: **Ali Ahmed Al-Matouq, Riyadh (SA)**

(73) Assignee: **Prince Sultan University, Riyadh (SA)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/974,451**

(22) Filed: **May 8, 2018**

(51) **Int. Cl.**
G16H 50/50 (2018.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61M 5/172 (2006.01)

(52) **U.S. Cl.**
CPC **G16H 50/50** (2018.01); **A61B 5/14532** (2013.01); **A61B 5/4839** (2013.01); **A61B 5/0002** (2013.01); **A61B 5/7271** (2013.01); **A61M 5/1723** (2013.01); **A61M 2205/52** (2013.01)

(58) **Field of Classification Search**
CPC .. **G16H 50/50**; **A61B 5/14532**; **A61B 5/4839**; **A61B 5/0002**; **A61B 5/7271**; **A61M 5/1723**; **A61M 2205/52**
USPC **340/573.1**; **604/506**; **600/365**
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2009/0006133 A1* 1/2009 Weinert A61B 5/14532 705/3
2009/0054753 A1* 2/2009 Robinson A61B 5/14503 600/365
2013/0158504 A1* 6/2013 Ruchti A61M 5/1723 604/504
2015/0359966 A1* 12/2015 Day G16H 20/10 604/506
2016/0354543 A1* 12/2016 Cinar A61M 5/1723

* cited by examiner

Primary Examiner — Jack K. Wang

(74) Attorney, Agent, or Firm — Steven M. Shape; Dennemeyer & Associates, LLC

(57) **ABSTRACT**

Method and system for determining glucose flux profiles in plasma during meals using continuous glucose sensors and insulin delivery. A database of plausible glucose flux profiles is encoded in dictionaries using sparse dictionary learning. A constrained Lasso minimization problem is formed that integrates a transport model for a patient with the dictionaries for estimating the glucose fluxes. Meal carbohydrates consumed by a patient is incorporated in the minimization problem through convex constraints. The estimated glucose fluxes resulting from solving the constrained Lasso minimization problem are glucose rate of appearance from the intestine, endogenous glucose production from the liver and insulin dependent glucose utilization. A method for determining patient carbohydrate to insulin ratio at the time of the meal by calculating the area under the curve of the estimated insulin dependent glucose utilization.

16 Claims, 7 Drawing Sheets

US20100256852A1 - US Patent 10,297,353

AA Al-Matouq

Method and system for determining glucose flux profiles in plasma during meals using continuous glucose sensors and insulin delivery.

Six more patents were submitted to US patent office which are under evaluation.

Metrics ■

Research on Industry, Innovation and Infrastructure

PSU's scholarly publications on Industry, Innovation and Infrastructure so far has 283 views and 3.13 citations per paper.

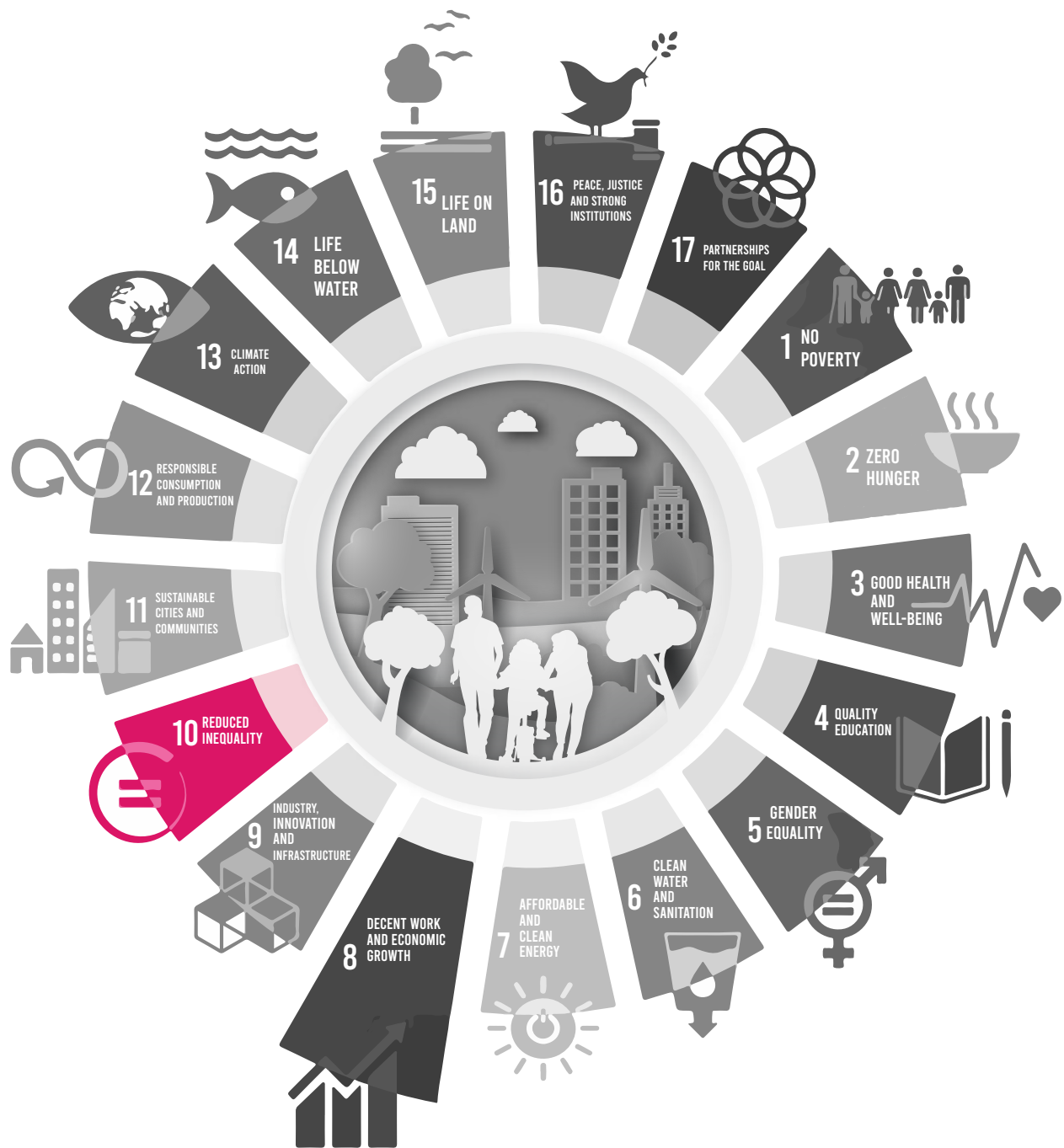
283

Number
of views

3.13

Citations
Per Paper





SUSTAINABLE DEVELOPMENT REPORT 2019

Reduced Inequalities



Achievements ■



More than 14.6% of students at PSU are first-generation students



More than 14.2% of total number of first-generation students in PSU are from developing countries



17 students & 4 staff at PSU are identified with one or more disabilities

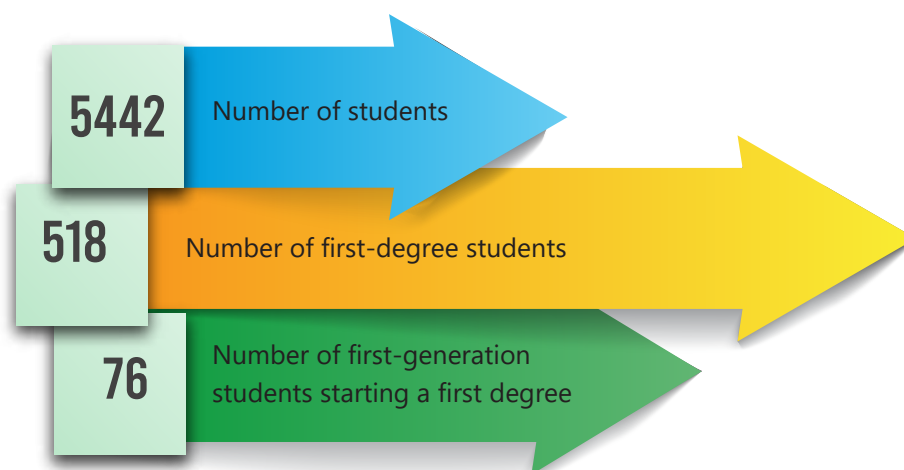


Metrics ■

First-generation students

Being a first-generation college student represents progress in a family. Most people who decide not to go to college do so, because of unaffordability. Food, living expenses, textbooks, and tuition incur huge amount to be spent. Few economically-backward families may get intimidated by the price tag, a common issue. However it is important to remember that the 'sticker price'—aka the published price of tuition—is not necessarily what students will have to pay. The 'net price' is what students and families pay, after scholarships and financial aid are taken into consideration.

Prince Sultan University takes initiative in this regard for those students who cannot afford their university expenses. PSU offers scholarships based on merit and provides financial aid to low-income families with an aim that those students shine as a major part of the society. The distribution of first-generation students at PSU is shown herewith.



First-generation students

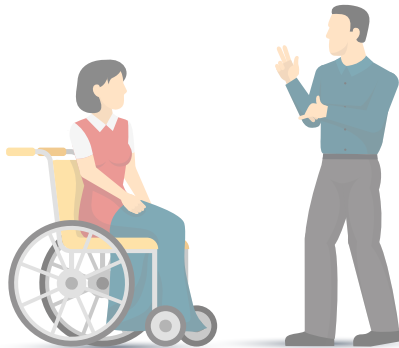
This table shows the proportion of international students at all degree levels who are from low-income and lower-middle-income countries, as defined by the World Bank.





Students and staff with disabilities

Prince Sultan University is committed towards treating students and staff with disabilities equally without any discrimination in any aspects. The university offers extraordinary facilities to all of its students & staff members, without any additional cost, one of which being 'hotline service'. Further, Prince Sultan University provides handicapped parking slots for all disabled students and staff members also every building is equipped for these students and staff members.



Number of employees



Number of employees with disability

Hot Line

الخط الساخن

لخدمات التوجيه والإرشاد

Service Objective:
This service provides students with special needs, psychological, and overall urgent situations requiring immediate guidance. Thus, providing the students with purely confidential guidance, and counseling by contacting the Guidance and Counseling Unit via the Hotline.

How to Contact the Service:
The person responsible for the hotline service is Mr. Abdulrahman Alshahr, who is the Guidance Counselor at the Directorate of Student Affairs, whose contact information are the following:
 • Tel: 011 494 8126
 • E-mail: alshahr@psu.edu.sa

Service Location
011 494 8126

مركز خدمة الطلاب ذوي الاحتياجات الخاصة على خط الساخن
يتمتع بقدرة عالية على التعامل مع الحالات الطارئة وتقديم الإرشاد والتوجيه للطلاب ذوي الاحتياجات الخاصة.

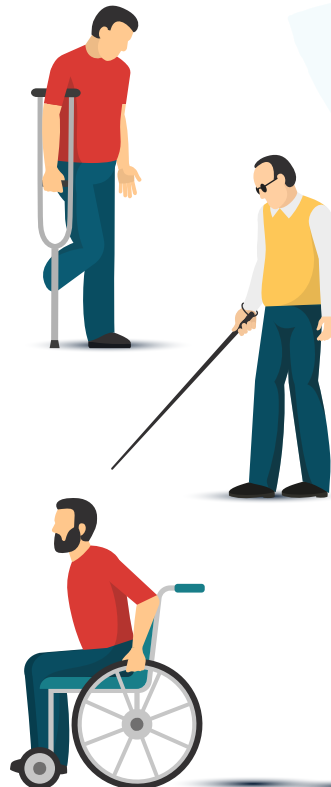
معلومات الاتصال:
 ١- من طريق الهاتف: ٠١١ ٤٩٤ ٨١٢٦
 ٢- من البريد الإلكتروني: alshahr@psu.edu.sa

مكان التوجيه والإرشاد:
مركز خدمة الطلاب ذوي الاحتياجات الخاصة

List of differently-abled students at PSU

بيان بأسماء الطلاب للمواقف (الاحتياجات الخاصة)

العدد	اسم الطالب	الرقم الجامعي	الكلية	سبب طلب الموقف
١	*****	*****	تحتضيري	وجود بملقحة تسهيلات المروية
٢	*****	*****	تحتضيري	وجود تقرير طبي
٣	*****	*****	تحتضيري	وجود تقرير طبي
٤	*****	*****	الهندسة	وجود تقرير طبي
٥	*****	*****	إدارة الأعمال	وجود تقرير طبي
٦	*****	*****	الهندسة	وجود تقرير طبي
٧	*****	*****	تحتضيري	وجود تقرير طبي
٨	*****	*****	تحتضيري	وجود تقرير طبي
٩	*****	*****	القانون	وجود تقرير طبي
١٠	*****	*****	القانون	وجود تقرير طبي
١١	*****	*****	الهندسة	وجود تقرير طبي
١٢	*****	*****	الهندسة	وجود تقرير طبي
١٣	*****	*****	تحتضيري	وجود بملقحة تسهيلات المروية
١٤	*****	*****	إدارة الأعمال	وجود تقرير طبي
١٥	*****	*****	إدارة الأعمال	وجود تقرير طبي
١٦	*****	*****	الهندسة	تقرير من طبيب المواءمة



Measures against discrimination

Princes Sultan University has a policy oriented to the management of different capacities of students as well as their disabilities. As an evidence, the manual for the admission of students can be observed with loads of information and some of the resources of admission for students.



Prince Sultan University PSU Policy Management System

Accessibility, Non-discrimination, and Harassment Policy

Policy Code: GV 0007

Policy Name: Accessibility, Non-discrimination, and Harassment Policy

Handling Unit: The President Office

Date of Current Revision: August 2020

Approved by: University Council

Date of Approval: 02/09/2020

Purpose

Prince Sultan University provides a healthy equal-opportunity educational environment free from discrimination and all types of harassment. The main purpose is to foster a pleasant atmosphere where all can learn, innovate and achieve.

Definitions:

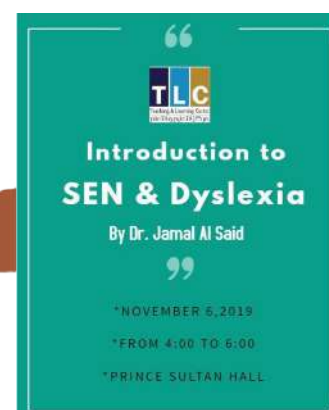
Discrimination: is treating a person differently based on gender, race, disability, nationality, or religion

Harassment:

Any behavior or attempts to offend, harm or offend a person. This includes verbal, physical, written or published using social media

Policy Statement:

- Prince Sultan University is an equal-opportunity institute that strongly prohibits all forms of discrimination based on gender, race, ethnicity, religion, nationality, or disability.
- All university services, facilities and opportunities are equally accessible by all members and candidates based only on merit, eligibility and credentials.
- Services include, but not limited to, admission, registration, placement, scholarship, mentorship, recruitment, subscriptions, complaints, appeals, plus other similar categories.
- Facilities include classrooms, labs, meeting rooms, sporting facilities and other similar resources.





SUSTAINABLE DEVELOPMENT REPORT 2019

Sustainable cities and communities



Sustainable cities and communities ■

Prince Sultan University exhibits high commitment to global blueprints designed to deliver progress, peace and prosperity for people and the planet, including preserving and sustaining the heritage of communities. As an important stakeholder, PSU contributes towards the achievement of sustainable cities and communities through various events, practices and research. It regularly organizes events and exhibitions for students and employees to promote the culture and appreciation of Saudi heritage.

The strong commitment can be witnessed from the type of support provided in events related to arts and heritage and the sustainable practices followed for sustainable commuting, remote working for employees, affordable housing, buildings to sustainable standards etc. Moreover, the integration of sustainability as an important topic is endorsed in our curriculum, research and outreach.

Achievements ■

Promoting Arabic Language & Culture

CSCEC implemented several sessions of Arabic Language Analysis workshops in collaboration with the general courses department presented by PSU faculty member. The audience of these workshops were women from society who are interested in knowing more about Arabic, as a language. The main aim was to raise awareness of our culture among society. The number of attendees was 31 and the workshops were conducted on every Saturday from 9:00 am-11:00 am. The attendees from the public were glad and expressed gratitude to find PSU as an academic venue to share their interest in Arabic language knowledge.



Weekly Arabic Language Analysis Workshop Sessions

- (25 January-07 March 2019)



Art Promo Exhibition





Sustainable Development Symposium/Workshop

PSU's College of Engineering organized a workshop entitled 'Partnership and Sustainable Development Goals' in cooperation with Saudi Green Building Forum and the United Nations in December 2019.





PSU Eco team in Shell Eco Marathon Asia 2019

PSU Eco team participated in Shell Eco Marathon Asia in April 2019. The commissioning of PSU Eco-Carwas on-track and the teams battled in the mileage challenge, competing within vehicle categories and energy classes to see which the in-house vehicle can travel the furthest consuming the least amount of energy.





Green Building & LEED Certification

Green Building lecture series was organized by ID Department in collaboration with CSCEC. It was implemented on two stages; the first one of the series was LEED course presented by PSU alumni for four days. The next stage was organizing a forum where PSU welcomed a guest speaker. He was the Vice President of the US Green Building Council (USGBC) who highlighted the next step in sustainability which aligns with 2030 Environmental Sustainability Vision. The main goal was to raise awareness and to inform the community about professional knowledge regarding KSA Green Building Industry. Tae Yi anchored a presentation about LEED at PSU. At the end of forum, LEED certifications were distributed to the participants.



جامعة الامير سلطان
PRINCE SULTAN UNIVERSITY

2nd PSU GREEN BUILDING FORUM
22th Octoper, 2018
14:00-16:00 PM
Main Auditorium

SPEAKER

Mr. Gopalkrishnan Padmnabhan
As Managing Director – APAC and Middle East, Gopalakrishnan manages business and market development of LEED and other GBCI rating systems for the Asia-Pacific and Middle East regions. His expertise includes corporate strategy, international market expansion, branding, and business unit creation. He is a Mechanical engineer who also completed MBA from the Indian Institute of Management in India. He has more than 20 years of corporate experience in Asia-Pacific and Middle East regions.

Mr. Gopalkrishnan Padmnabhan

PROGRAM

14:00 Welcoming speech.
14:15 Lecture: "What's next in sustainability" by Mr. Gopal
15:15 PSU Presentation about LEED by Eng. Tae Yi
15:30 LEED certificates.

Official event organozer:
College of Engineering.
PSU USGBC Membership.
USGBC committee in the Arch. Eng. Dep
Green Building Club.

VISION رؤية
2030

U.S. GREEN BUILDING COUNCIL
MEMBER

Celebrations on Saudi National Day

PSU celebrates Saudi National day (23rd September) every year with students and employees. This promotes and supports the art, heritage and culture of Saudi Arabia.





Participation in Saudi Design Week

A field trip to Saudi Design Week was organized by Interior Design Department for students and faculty members.



Source: The Interior Design Department Outreach Committee.



Source: The Interior Design Department Outreach Committee.

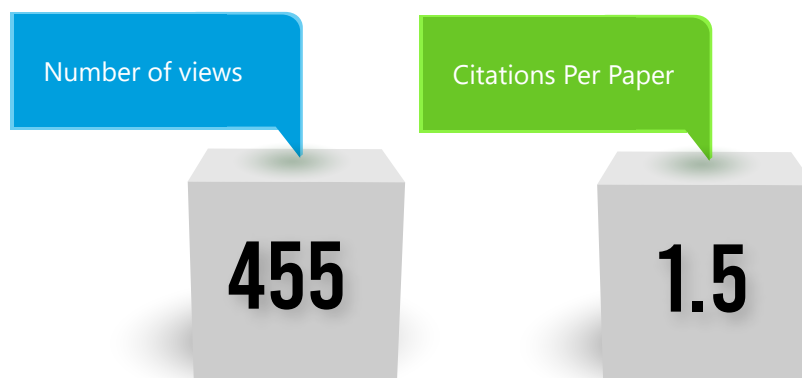
Field trip to Asir

A trip was organized by Interior Design Department for students and faculty members to Asir in order to strengthen their understanding and appreciation for the culture and Saudi Heritage.

Metrics

Research on sustainable cities and communities

PSU's research papers related to sustainable cities and communities has 455 views and 1.5 citations per paper.





Support of arts and heritage



The university conducts events related to Saudi culture and heritage and also participates in such events in the region



PSU provides public access to libraries including books and publications. A bookfair was also organized to promote the culture of sharing and donating books. In addition, PSU students and faculty actively participate in Riyadh International Book Fair-One of the most important cultural events hosted by the Ministry of Culture and Information in Arab region.

The university offers free public access to visit and borrow books (with refundable deposit).



**جامعة الامير سلطان
PRINCE SULTAN
UNIVERSITY**

2019 Riyadh International Book Fair

The Riyadh International Book Fair, one of the most important cultural events hosted by the Ministry of Culture and Information in the Arab region, will kick off next week.

The PSU library (Women's Campus) would like to arrange transportation for faculty members who are interested in participating in the Riyadh International Book Fair and will NOT teach on the dates and time mentioned in the schedules.

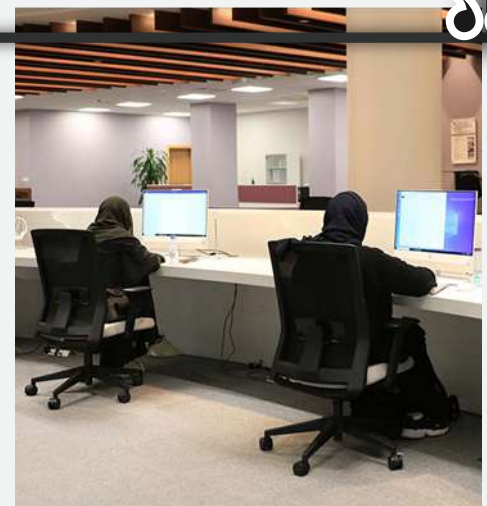
The transportation service schedules are as follows:

Dates: March 17th (Sunday) and 19th (Tuesday) 2019.

Time: 10:30 am – 12:30 pm

Point of departure: Parking lot (near Bldg. 3) Women Campus

Contact person: Anwa Jobran 0558057176 (mobile phone)





Art Promo Exhibition

Various departments cooperate with Public relations office for arranging free field trips to students and faculty members to places of cultural significance. Most of these trips are organized for free and some are paid, if it requires traveling.

A trip was organized by Interior Design Department for students and faculty members to Asir to strengthen their understanding and appreciation for the culture and Saudi Heritage.



Sustainable practices

1

The university offers housing for faculty members and bus shuttle service for faculty members who stay at different university housings



2


The university offers flexible work options



3

The university buildings are designed to be sustainable, green and energy-efficient





 وكيل الجامعة للشؤون الإدارية والمالية
 Vice-Rector for Administrative & Financial Affairs

Inter-Office Memo

Date: Sunday, December 8, 2019 Ref: 573/ma/2019-20

From: Prof. Dr. Saad S. Al-Ruwaila
Vice-Rector for Administrative & Financial Affairs

To: Faculty Members residing (University Housings)

Cc:

- Dr. Ahmad Yamani, Rector
- Dr. Abdulhaleem Feda, Vice-Rector, Academic Affairs
- Dr. Mohamed Almisheer, Deputy Vice-Rector, Academic Affairs
- Dr. Hella Khoshaim, Acting Vice-Rector, Campus for Women/Vice-Dean, Admissions & Registration WC
- Dr. Maysaa Alqurashi, Dean, Deanship of Quality Assurance and Development
- Dr. Wafaa Al-Hassanullah, Vice-Dean, College of Business Administration
- Dr. Smea Chikhaoui, Vice-Dean, College of Law
- Dr. Connie Mitchell, Vice-Dean, College of Humanities
- Dr. Saad Al-Musa, Dean, College of Business Administration
- Dr. Abdulaziz Alahbari, Dean, Deanship of Admissions & Registration
- Dr. Abdullah S. Al-Husaini, Dean, Deanship of Student Affairs
- Dr. Mohamed Al-Kanhal, Dean, College of Computer & Information Sciences
- Dr. Abdelhakim Al-Majidi, Dean, College of Engineering
- Dr. Standoun Alenani, Dean, Deanship of Educational Services
- Dr. Fahad Al-Majidi, Dean, College of Law
- Dr. Kamal Abu Daya, Chairman, Exam Control Committee
- Dr. Osama Muhammad, Director, Central Library
- Mr. Abdulbaki H. Al-Otaibi, Director, Human Resources

SUBJECT: PSU Buses schedules during the period of Final Examination, 1st Semester TERM (191), Academic Year 2019-2020

Kindly be informed that PSU Buses will be scheduled as indicated below during the period of the Final Examinations: 1st Semester TERM (191) of Academic Year 2019-20. This starts from Saturday, 14th December 2019 and ends on Thursday, December 26, 2019.

1st Trip: PSU buses will pick up faculty members from the DQ at 7:15 am:
from Rex 7:00 am; Rafaa 7:10 am; Waadi 7:20 am; Taawan-I and II at 7:30 am sharp.


2nd Trip: PSU buses will pick up faculty members from the DQ at 11:00 am:
from Rex 11:00 am; Rafaa 11:10 am; Waadi 11:20 am; Taawan-I and II at 11:30 am sharp.


This is to ensure that all faculty members are able to attend their examination and invigilation duties on time.


Buses will leave the campus 4:15 pm and 7:20 pm.

If you have any requirements not catered for by the above-mentioned schedule, please contact the office of the Vice-Rector for Administrative & Financial Affairs.

Best regards,


 Prof. Dr. Saad S. Al-Ruwaila
 Vice-Rector for Administrative & Financial Affairs


 2242351
 8/12/2019


 P.O. Box 00823 Riyadh 11586 - KSA • المملكة العربية السعودية • 11586 الرياض • 011 494 8121 • Fax: +966 11 494 8121 • Tel: +966 11 494 8000 • 011 494 8000





Goal in Action





SUSTAINABLE DEVELOPMENT REPORT 2019

Responsible Consumption and Production



Responsible Consumption and Production ■

Prince Sultan University took efforts on bringing down the environment pollution and contribute in the fight against climate change. As an important stakeholder, PSU contributes towards the achievement of sustainable cities and communities through various events, practices, and research. It regularly organizes events and exhibitions for students and employees to promote responsible consumption and production.

The strong commitment can be witnessed from the type of support provided in events related to E-waste and the sustainable practices followed in PSU campus that promote responsible consumption and production, research contribution, etc. Moreover, the integration of consumption and production as an important topic is endorsed in our curriculum and outreach.

Impact example

Prince Sultan University is involved in several industrial collaborations that are leading the way in search for alternative energy sources. One such example is our Renewable Energy Lab's association with Power and Telecom Technologies Co., KFB Holding Group, Riyadh for a collaborative consultancy project on minimizing electricity cost and feasibility study of self-sustainable campus.

The main objective of the project is to study PSU Lighting electricity network to provide strategic solutions as per the sustainable development goals (SDGs 12, 13 & 17).

01

Clear plan for executing energy saving measures by identifying energy-intensive electrical utilities inside the campus

02

Economic analysis for power quality improvement and energy savings

03

Identifying inefficient electrical processes in the campus

04

Analysis of financial benefit (reduction in the billing cost), investment and payback period



Metrics

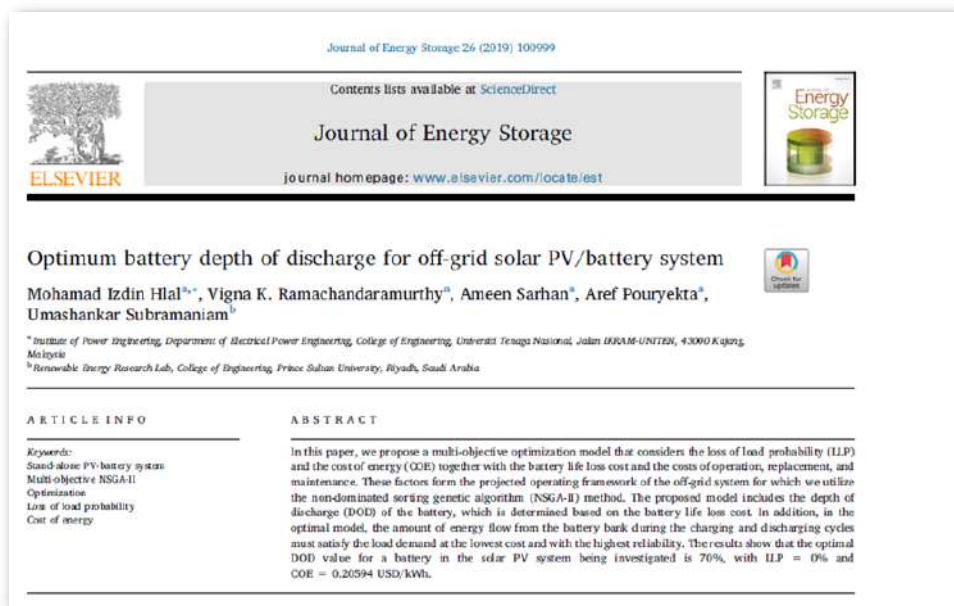
Research on Responsible Consumption and Production

1227 Number of views

4.03 Citations Per Paper

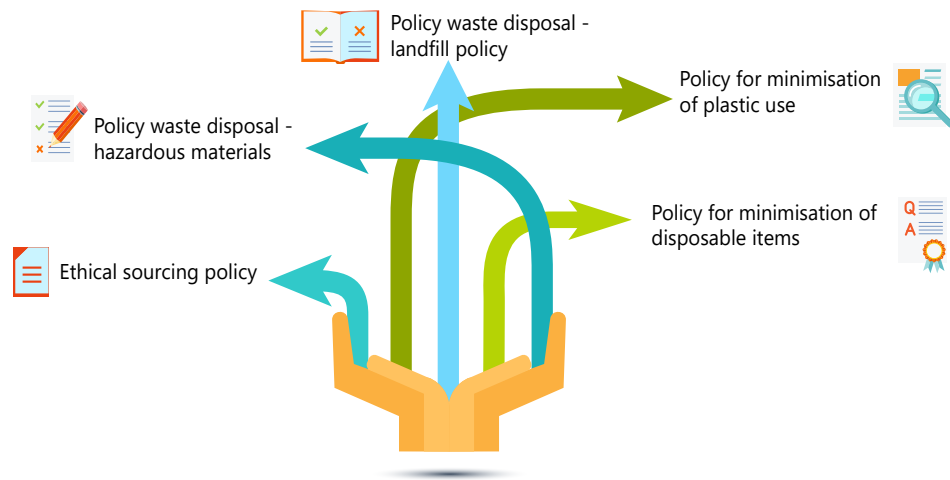
The commitment towards encouraging researchers is high at Prince Sultan University which results in high productivity across the department.

PSU's scholarly output researches related to SDG 12 – responsible consumption and production in the past academic year has 1227 views and 4.03 citations per paper.





Policies



Prince Sultan University PSU Policy Management Systems Sustainable Waste Management, Prevention and Disposal Policy

Policy Code: GV0016
Policy Name: Sustainable Waste Management, Prevention and Disposal Policies
Handling Unit: PSU Maintenance Department
Date of Current Revision: August 2020
Approved by: University Council
Date of Approval: 02/09/2020

Purpose and Aims:

Prince Sultan University is a sustainable green university that preaches and applies sustainable development approaches and practices at all levels. As part of its endeavors to build a safe, green campus, PSU adopts sustainable waste management and disposal practices that are implemented in coordination with municipal and government agencies.

Aims:

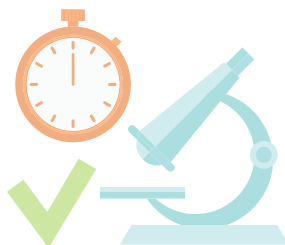
PSU waste management and disposal policy aims to:

- Build and maintain a safe, healthy green campus
- Apply the appropriate approach and use the proper channels for disposing waste based on its category
- Minimize the use of plastics and reduce plastic waste
- Minimize the use of disposable items
- Adopt energy efficiency standards
- Avoid carbon-intensive industries and similar chemical processes that cause the emission of unhealthy gases
- Measure and monitor the amount of landfill and recycled waste



Waste Handling and Disposal Channels

Waste Category	Handling Approach	Channel
Solid Landfill waste	Disposal using appropriate channel	Municipal Waste Disposing network
Electronic Waste	Recycling through specilzed agencies recommended by the Municipality	Specialized agencies for disposing electronic waste
Publications and Paper Waste	Recycling or donation through recommended agencies or recognized charity organizations	Philanthropic societies and organizations
Hazardous Material Waste	Disposal through trusted specialized agencies recommended by the Municipality	Trusted specialized agencies for disposing hazardous waste
Reusable Furniture and Equipment	Donation to needy people and organizations through charity organizations	Recognized charity organizations
Carbon and gas emissions	Minimization or prevention	Instructions, regulations, and guidelines
Plastic waste	Minimization or prevention	Instructions, regulations, and guidelines





Educational Events



IEEE PES
Power & Energy Society®

Smart Grid and IoT for the Integration of Renewables in Saudi Arabia

رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

Speaker



Prof. Dr. Saifur Rahman
Joseph R. Loring Professor of
Electrical Engineering, Virginia
Tech Advanced Research
Institute, Virginia, USA.

- # Founding director of the Advanced Research Institute at Virginia Tech, USA.
- # Joseph R. Loring professor of electrical and computer engineering.
- # Life Fellow of the IEEE and an IEEE Millennium Medal winner.
- # President-elect of the IEEE Power and Energy Society (PES), 2018 and 2019.
- # Founding editor-in-chief of the IEEE Electrification Magazine and the IEEE Transactions on Sustainable Energy.
- # Conducted several energy efficiency related projects for Duke Energy, Tokyo Electric Power Company, the US Department of Defense, the State of Virginia and the US Department of Energy.
- # Published over 140 Journal and 400 conferences articles.





Outline

- The operational characteristics of renewable energy sources.
- Various Aspects of Smart Grid - Technology, Standards, and Regulations.
- Addresses the interplay among distributed generation, storage, and conventional generation to provide an efficient operational strategy.

Registration

Please register your name by using Link.
<https://forms.gle/Et3K1hMwhKXZFz6>



The link of the webinar will be sent to the registered E-mail ID.

Organizer
CME Student Activity Committee
and Renewable Energy Lab
Email: usubramaniam@psu.edu.sa



<https://www.psu.edu.sa/CE/renewable-energy-laboratory>



SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING
Sivasankaran - 605 005, Chennai, Tamil Nadu, India
 (An Autonomous Institution, Affiliated to Anna University, Chennai)

ICEES 2021

**7TH INTERNATIONAL
CONFERENCE ON ELECTRICAL
ENERGY SYSTEMS**

Organized by
Department of
Electrical and Electronics Engineering

February 11 – 13, 2021

In association with


CONFERENCE CHAIR	CONFERENCE CO-CHAIR	CONVENERS
Dr. V. Kamaraj Professor & Head	Dr. Umashankar Subramaniam Renewable Energy Lab, Prince Sultan University, Riyadh, Saudi Arabia.	Dr. N. B. Muthu Selven Associate Professor Dr. V. Thyagarajan Associate Professor Dr. M. Devesh Raj Associate Professor







SUSTAINABLE DEVELOPMENT REPORT 2019

Climate Action



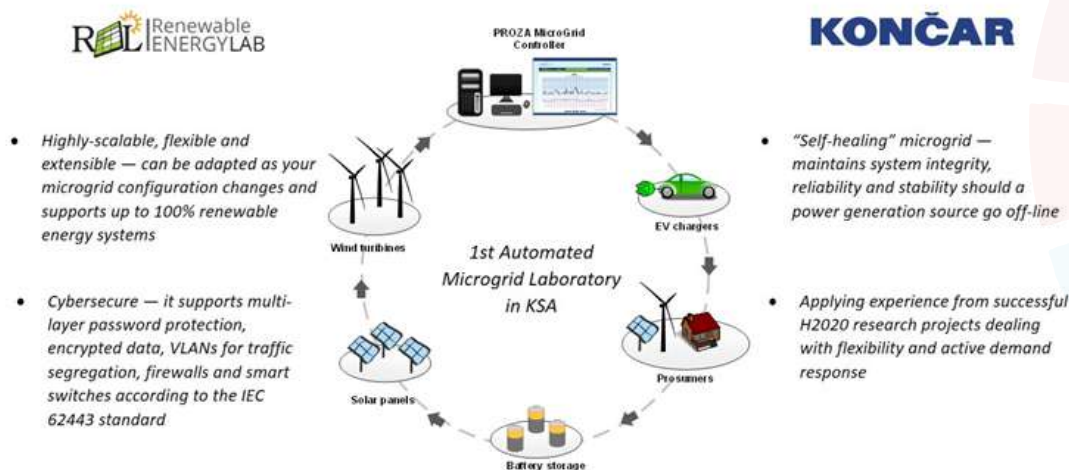
Climate Action ■

Prince Sultan University is attentive on bringing down the environment pollution and contribute in the fight towards climate change. As an important stakeholder, PSU contributes towards the achievement of sustainable environment and campus through various events, practices, and research. It regularly organizes events and exhibitions for students and employees to promote the awareness on climate change.

The strong commitment can be witnessed from the type of support provided in events related to clean energy, EV and the sustainable practices followed for sustainable PSU campus to promote measures for climate change and research contribution etc. Moreover, the solutions and impacts of climate change is an important topic is endorsed in our curriculum and outreach.

Impact example – Low carbon energy use

The Prince Sultan University is involved in several industrial collaborations that are leading the way in the search for alternative energy sources. One such example comes from our Renewable Energy Lab, who are in cooperation with Koncar Power Plant Electric Traction, Croatia for a collaborative project on microgrids' test bench for EV charging and renewable energy to combat climate change.



The Prince Sultan University is involved in several industrial collaborations that are leading the way in the search for alternative energy sources. One such example comes from our Renewable Energy Lab, who are in cooperation with Power and Telecom Technologies Co., KFB Holding Group, Riyadh for a collaborative consultancy project on investigations on minimizing electricity cost and feasibility study of self-sustainable campus towards climate change mitigation.

1 Introducing custom-made techniques for local environment conditions like robotic panel cleaning etc. as per the SDGs 9 and 13

2 Setting up a remote monitoring and control station at Renewable Energy Lab for the performance analysis of installed lights



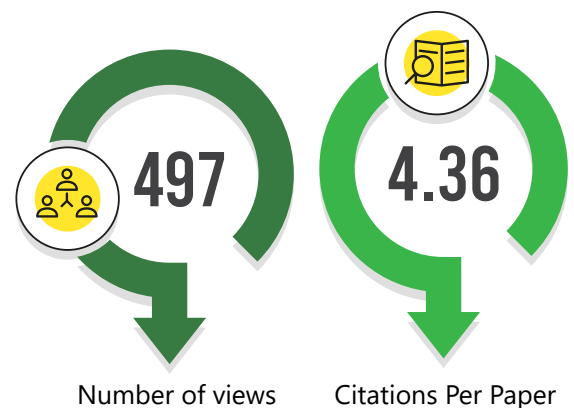


Metrics ■

Research on Climate Action

PSU's scholarly output researches related to Climate Action in the past academic year has 497 views and 4.36 citations per paper.

Renewable Energy lab at PSU is showing serious commitment to encourage its researchers for increasing their productivity in this field.

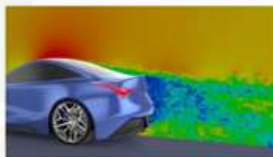


Environmental education measures

Renewable Energy Lab (REL), College of Engineering, Prince Sultan University has organized several events and conferences in association with Top ranking universities in the world in the 'climate change' theme.

e-Mobility

June 23, 2020 | 11:30 am



Delivering e-Mobility to the masses is not only a huge investment, but a significant operational undertaking. As OEMs, suppliers and emerging vehicle manufacturers invest billions to develop innovative electric vehicles, and optimize development and production processes, they are looking for a strategic partner to help realize their vision. Altair technologies are changing the way electric passenger, off-highway and autonomous vehicles are designed, enabling them to accelerate product development, enhance the energy efficiency, and optimize integrated system performance.

Agenda: 23 June

- e-Mobility research and development trends
- Leveraging virtual engineering platform for faster product development
- e-Mobility components - Light weighting, Advanced Material, Safety and Comfort, Electronics and Battery, Connected systems
- e-Mobility infrastructure design
- Advance Driver assistance system

Register t

(<https://attendee.gotowebinar.com/r>)



Umashankar Subramaniam
- Associate Professor,
Renewable energy Lab, College
of Engineering,
Prince Sultan University,
Saudi Arabia,

Speakers:

Mr. Prashanth Kulkarni
Industry Applications - Altair

Mr. Kamleshwar
Industry Applications - Altair

Mr. Manoj M
Industry Applications - Altair

Mr. Sandeep Ramagiri
Industry Applications - Altair

Mr. Sudhir Padaki
Industry Applications - Altair







الهيئة الملكية للجبيل وينبع
Royal Commission for Jubail & Yanbu

قطاع التعليم والتدريب – العلاقات الصناعية
Education Sector in Jubail – Industrial Relations



The Department of Electrical and Electronics Engineering Technology and the IEEE Students Chapter of Jubail Industrial College cordially invites you for a free webinar on:

WIND ENERGY TECHNOLOGY

and its Research Challenges - A Global and Saudi Arabia Perspective

 Dr. Umashankar Subramaniam
Renewable Energy Lab, College of Engineering, Prince Sultan University

 15 July 2020
 12.30 - 2.00 P.M
 <http://app.jic.edu.sa/jic.sp/CourseDetail.aspx?id=4572>
 No registration charges and active participants will receive certificates
 Further Information Contact: Training@jic.edu.sa



WWW.RCJY.GOV.SA

Virtual Conference on Energy, Smart Grid and EV:

9th July, 2020

Virtual Conference on
Recent Trends on
Renewable Energy, Smart Grid and
Electric Vehicle Technologies

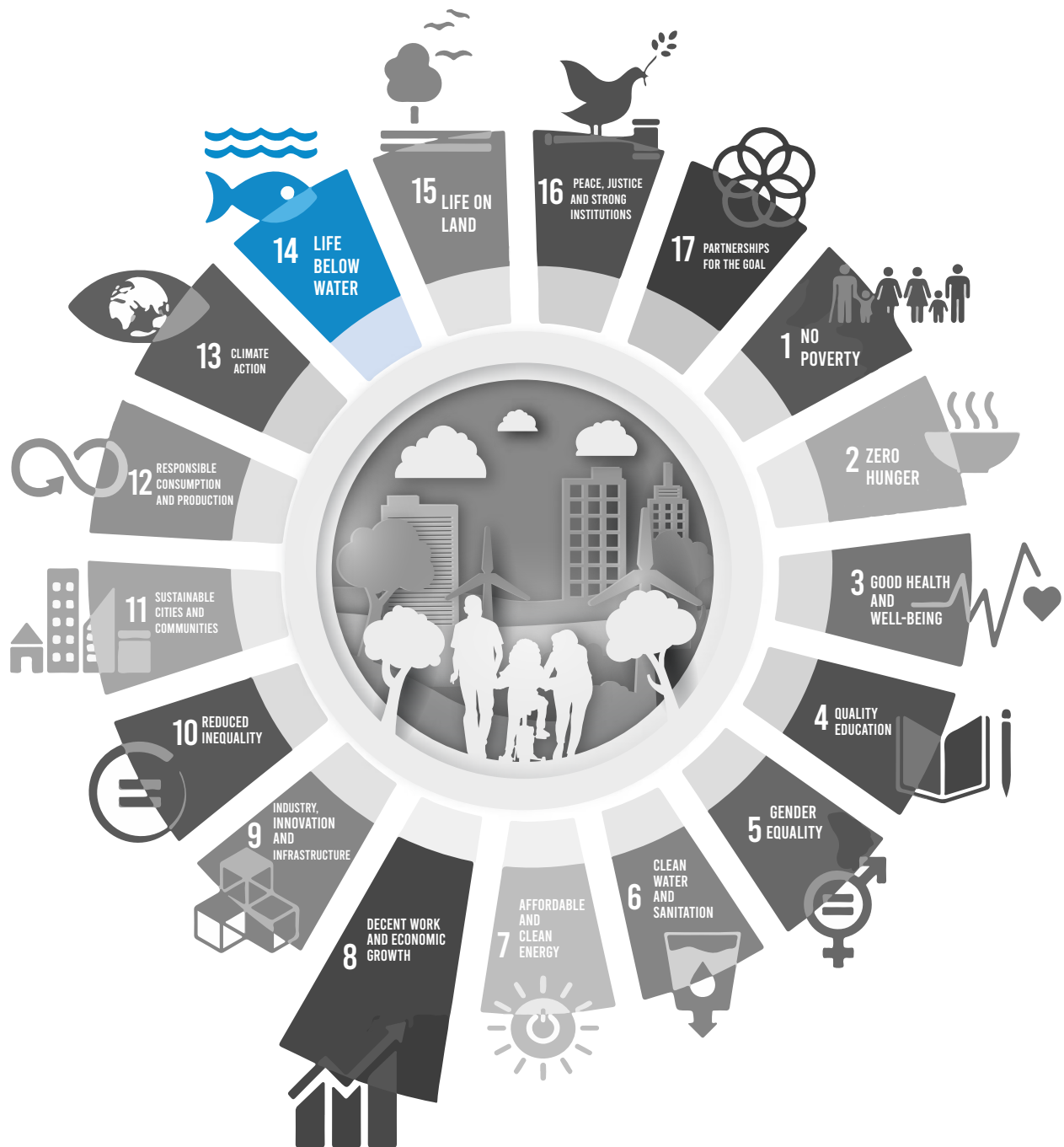
Organized by: School of Electrical Engineering
In Association with






Renewable Energy Lab (REL), College of Engineering, Prince Sultan University is organized International Virtual Conference on Recent trends on Renewable Energy, Smart Grid, and Electric Vehicle Charging (RESGEVT-20) on 9th July 2020 as a partner Institution in association with Top ranking universities in the world . VIT University Vellore India is hosting this conference. The Virtual Conference is a platform for researchers, academicians as well as professionals from all over the world to present, discuss and promote the knowledge, research and practice in the field of Smart Grid Control, Renewable Energy Sources, Energy Efficiency, Power Quality and Electric Vehicle Charging to combat climate change. RESGEVT-20 is offering a fantastic opportunity to attend a global scientific forum from the convenience of your desktop. The conference is online, from paper submission, including reviewing, conference discussion, and post-conference processing. All papers referred to the double tier approval process, single-blind peer-review and regular check. The online conference is a smart and affordable manner of presenting research results. Selected papers based on the domain and quality published in **Scopus Indexed conference proceedings (IOP Conference Series)**.





SUSTAINABLE DEVELOPMENT REPORT 2019

Life Below Water



Life Below Water ■

Healthy oceans and seas are very important to lead a healthy life with sound environment.

Although aquatic space covers about 70 percent of our planet, humankind is damaging these precious resources of water, food, and energy by polluting them. It is the responsibility of every one of us to protect marine life around the world.

The research institutions and academia can play an important role in raising awareness and conducting campaigns to stop harming the aquatic space. The research should target at reducing the pollution and restoring the ecosystem by reducing ocean acidification. This can be accomplished through cooperation at all levels. Joint efforts should be put to reduce and regulate overfishing. Global universities should encourage scientific research, knowledge, and technology to protect and safeguard the health of seas and oceans.

The implementation of sea law and the introduction of sea law under law curricula will help tremendously to raise awareness among the younger generation to be conscious of the bad effects on our lives in an unhealthy ecosystem.

Healthy oceans, clean water, and preserved aquatic resources are essential to lead a better life and to stay healthy.

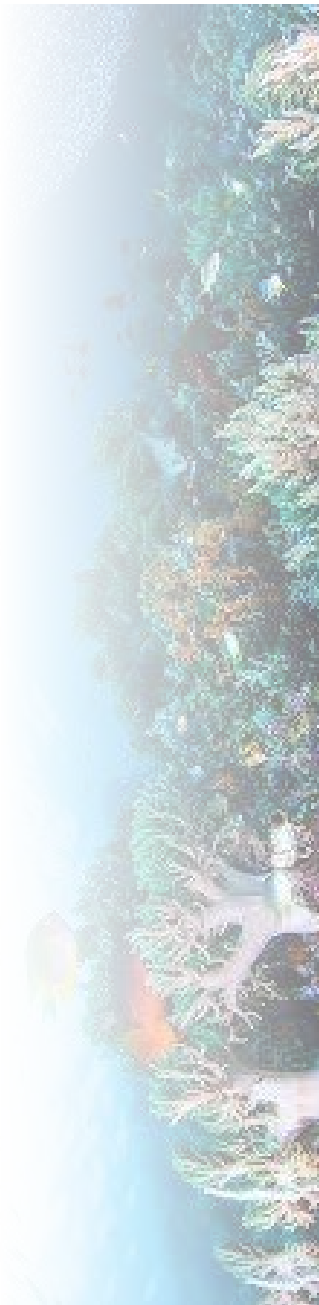
Metrics ■

Supporting aquatic ecosystems through education

The university, through its colleges and programs, provide understanding and information or supporting aquatic ecosystems. The programs provide courses, from its disciplines, that speaks about environmental impacts of their field of work to students.

Fresh-water Ecosystems (Community Outreach)

The College of Law, through its courses such as Law462 International Environment Law, talks about the Saudi Law and explores public international law in the context of global environment International environmental issues to be studied include biodiversity, climate change, ozone depletion, sustainable development, Antarctica, toxic substances, nuclear weapons and waste, and transboundary pollution.





Supporting aquatic ecosystems through action

Conservation and Sustainable Utilization of the Oceans (events)

The University supports research on climate change and activities to promote sustainable environment.

Sabic "An Environment
without waste" Participation



Center for Local Governance Article on Climate Change"



General Session

about
GREENING
The Curriculum

February 18th , 2019
From 12:30 to 1:30
Building 105 Room #G-C01
By Dr. Alia Mitchell, PFHEA

General Session about
Greening the Curriculum



SUSTAINABLE DEVELOPMENT REPORT 2019

Life on Land



Life on Land ■

The majority of the land area of the Kingdom of Saudi Arabia is desert. Thus, sustaining life on land is essential in the Kingdom to preserve existing land use and restore or reverse desertification. The use of land to sustain human life is vital in supporting livelihoods.

Prince Sultan University is committed to ensuring its land preservation by implementing its policy on plastic waste reduction and policy on hazardous waste disposal.

Metric ■

Land sensitive waste disposal

Policy on plastic waste reduction & Policy on hazardous waste disposal

Prince Sultan University
PSU Policy Management Systems
Sustainable Waste Management, Prevention and Disposal Policy

Policy Code: GV0016

Policy Name: Sustainable Waste Management, Prevention and Disposal Policies

Handling Unit: PSU Maintenance Department

Date of Current Revision: August 2020

Approved by: University Council

Date of Approval: 02/09/2020

Purpose and Aims:

Prince Sultan University is a sustainable green university that preaches and applies sustainable development approaches and practices at all levels. As part of its endeavors to build a safe, green campus, PSU adopts sustainable waste management and disposal practices that are implemented in coordination with municipal and government agencies.

Aims:

PSU waste management and disposal policy aims to:

- Build and maintain a safe, healthy green campus
- Apply the appropriate approach and use the proper channels for disposing waste based on its category
- Minimize the use of plastics and reduce plastic waste
- Minimize the use of disposable items
- Adopt energy efficiency standards
- Avoid carbon-intensive industries and similar chemical processes that cause the emission of unhealthy gases
- Measure and monitor the amount of landfill and recycled waste

Categories of waste:

- 1- Landfill solid waste
- 2- Electronic waste
- 3- Paper waste
- 4- Hazardous materials
- 5- Reusable old furniture and equipment
- 6- Plastic waste
- 7- Carbon and unhealthy gas emissions





Policy:

- PSU maintenance unit is the entity responsible for waste management, prevention and disposing
- The maintenance unit establishes the appropriate infrastructure, instructions and guidance for waste management, prevention and disposing.
- The maintenance unit applies the appropriate approach and channel for waste disposal based on the waste handling table below
- Landfill waste is disposed using services provided by the Municipality waste disposal network
- A prevention approach is used to reduce carbon and gas emissions
- Other types of waste are disposed in coordination with specialized agencies and charity organizations
- The unit regularly measures the amounts of landfill and recycled waste respectively and raises regular reports on these to upper admin departments
- The department raises regular reports to the higher administration and the quality assurance office
- The quality assurance office is responsible for monitoring performance and KPI's

Waste Handling and Disposal Channels

Waste Category	Handling Approach	Channel
Solid Landfill waste	Disposal using appropriate channel	Municipal Waste Disposing network
Electronic Waste	Recycling through specilzed agencies recommended by the Municipality	Specialized agencies for disposing electronic waste
Publications and Paper Waste	Recycling or donation through recommended agencies or recognized charity organizations	Philanthropic societies and organizations
Hazardous Material Waste	Disposal through trusted specialized agencies recommended by the Municipality	Trusted specialized agencies for disposing hazardous waste
Reusable Furniture and Equipment	Donation to needy people and organizations through charity organizations	Recognized charity organizations
Carbon and gas emissions	Minimization or prevention	Instructions, regulations, and guidelines
Plastic waste	Minimization or prevention	Instructions, regulations, and guidelines

Implementation:

- The maintenance unit establishes guidelines and processes for waste management and disposal
- Disseminates guidelines and monitor the process
- Outsource the recruitment of cleaners and workers to manpower agencies
- Raise reports to superiors and the quality assurance committee



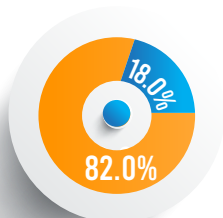


SUSTAINABLE DEVELOPMENT REPORT 2019

Peace, Justice and Strong Institutions

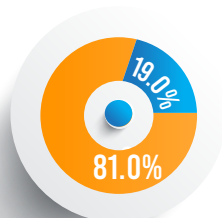
Peace, Justice and Strong Institutions ■

Proportion of Law Graduates at PSU



- Law Programs
- Other Programs

Proportion of Bachelors Law Graduates at PSU



- Bachelors of Law Programs
- Other Bachelors Programs

Achievements ■

PSU won 1st place in pleading competition

The pleading competition was organized by the Law Club of King Saud University in cooperation with the Saudi Bar Association. The cases of the competition were from various branches of the law. PSU team won first place securing 93 out of 100.



Dean of the College of Law Dr. Fahad Almajid and The CEO of the Saudi Center for Commercial Arbitration Dr. Hamid bin Hassan Mira

PSU's College of Law Arbitration Moot Program

Students participate in moot program acquire practical research skills for a professional environment and acquire persuasive legal writing styles and advocacy skills. The students will have a better understanding of the key concepts underpinning contracts for international sale of goods and international commercial arbitration.

The Programs

VIS moot (Vienna)



Arabic Arbitration moot (SCCA)





Ministry of Human Resources and Social Development (Ministry of Labor Attends the E4E Graduation)

The Ministry of Human Resources and Social Development (Ministry of Labor) attended the Education for Employment (E4E) Program graduation ceremony. This activity is part of the Community Service and Continuing Education Center (CSCEC) as a way to address the challenges in employment in the Kingdom.





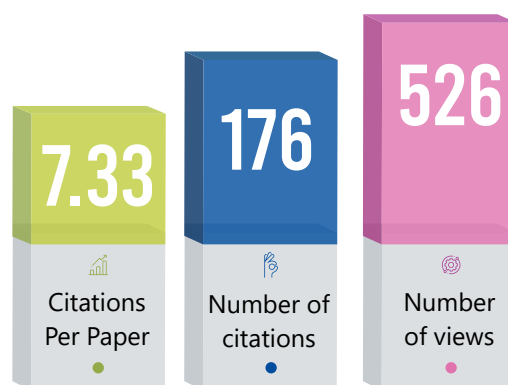
The Governor of Riyadh attends the PSU Class of 2019 Graduation

The Governor of Riyadh congratulates the PSU Graduates Class of 2019.



Metrics ■

Research on Peace, Justice and Strong Institutions



PSU's scholarly publications on Peace, Justice and Strong Institutions has 526 views, has been cited for 176 times and has 7.33 citations per paper.



University Governance Measures

Prince Sultan University's governance measures include an elected representation on university's governing body and recognition of a student's union. It also includes policies to engage local stakeholders and policies that support academic freedom. The university takes measures to fight corruption and to combat bribery through the principles on organized crime, corruption, and bribery. The university is also transparent in publishing its financial data.



Elected Representation

The University Student Council is an elected representative of the University's student body which is guided by the Deanship of Student Affairs.

- At PSU, student representations are done by the university student council, wherein representatives from the preparatory year level and undergraduate level students are nominated. The University Student Council meets with the higher management regularly to address the student needs.
- In addition to that, the university has student clubs where different activities, supported by the Deanship of Student Council and their respective colleges, are done

Students' Union



Identify and Engage with Local Stakeholders

The university has a written policy on stakeholders participation which in all colleges and departments assign external stakeholders in their boards. They have regular meetings to discuss challenges and give updates on the current job market.

The University engages the stakeholders in the teaching and learning process. Colleges and departments identify the members of the advisory boards. The boards are approved by the university council and they meet regularly to discuss the academic programs and to give their feedback on the job market needs.

Participatory Bodies for Stakeholder



University Principles on Corruption and Bribery

Principles on Corruption and Bribery are in place which ensures the prevention of corruption and bribery for leadership, faculty members, and students.

- Academic Freedom Policy was drafted to address the academic freedom of faculty members. The university also has other policies such as course design policy, curriculum review development policy, code of conduct, integrity policy, IP policy, and student achievement policy to support academic freedom.
- At PSU, there are available opportunities for the faculty members where they can develop their research.

Academic Freedom Policy



Publish Financial Data

The University publishes its financial data.





Working with Government

The university works hand-in-hand with the government to provide expert advice and outreach at both national and local levels. In addition, the university undertakes policy-focused research in collaboration with government departments and provide a neutral platform for political stakeholders to discuss challenges.



Robotics & Internet-of-Things

Robotics and Internet-of-Things Lab

SECURITY ENGINEERING LAB SEL

Security Engineering Lab

AIDA Artificial Intelligence & Data Analytics Lab

Artificial Intelligence & Data Analytics Lab

EMERGING INTELLIGENT AUTONOMOUS SYSTEMS EIAS

Emerging Intelligent Autonomous Systems Lab



Applied Linguistics Research Lab



ERL Educational Research Lab

Educational Research Lab



Literary & Digital Studies in Humanities Research Group

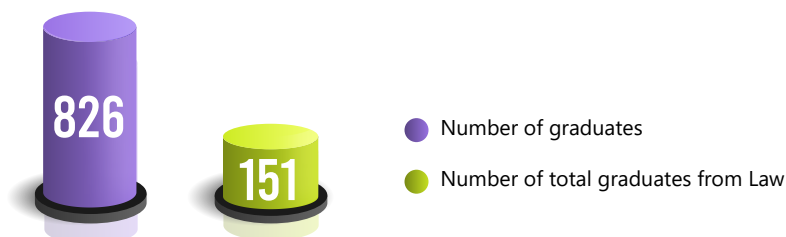
REL Renewable ENERGYLAB

Renewable Energy Lab

AIDA Artificial Intelligence & Data Analytics Lab

Artificial Intelligence & Data Analytics Lab

Graduates in Law and Enforcement Related Courses

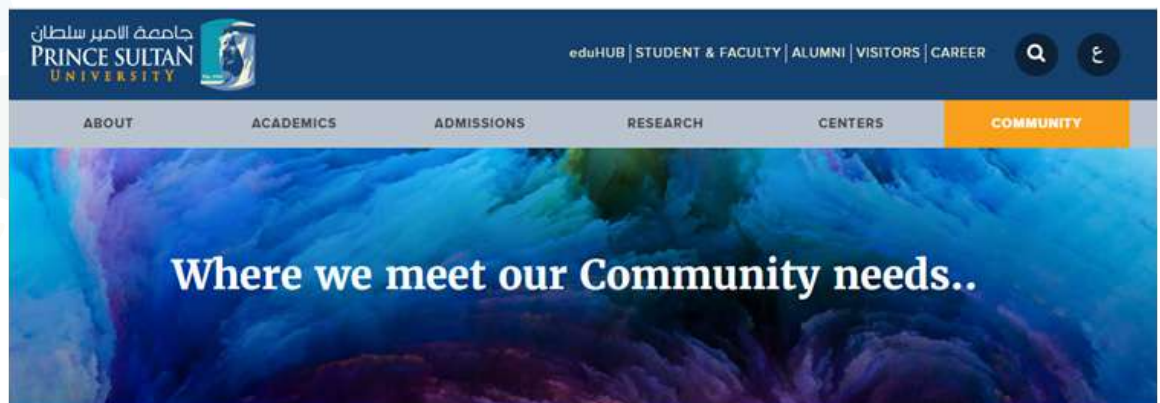


Source: Academic Year 2019





Goal in action ■





SUSTAINABLE DEVELOPMENT REPORT 2019

Partnerships for the goals



Partnerships for the goals ■



Achievements ■

UNESCO-GEPN Stakeholders' Consultation Series

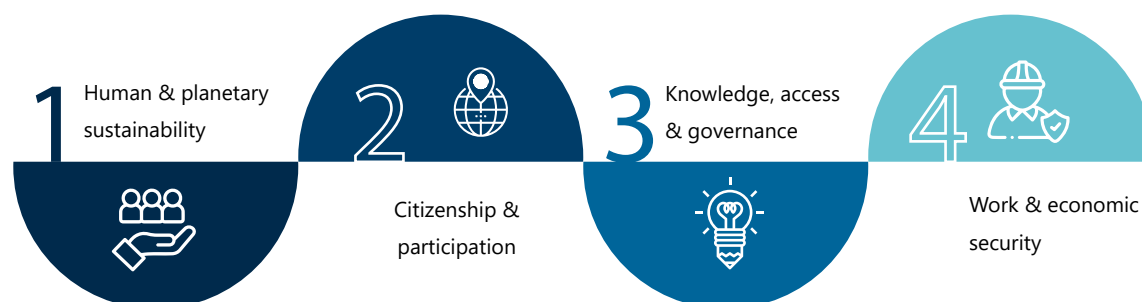


* Women in Education and Employment in Saudi Arabia



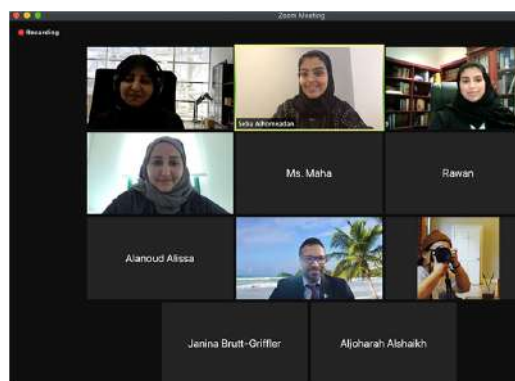


Our regular stakeholders' consultation series discuss the agenda of UNESCO's future of education:



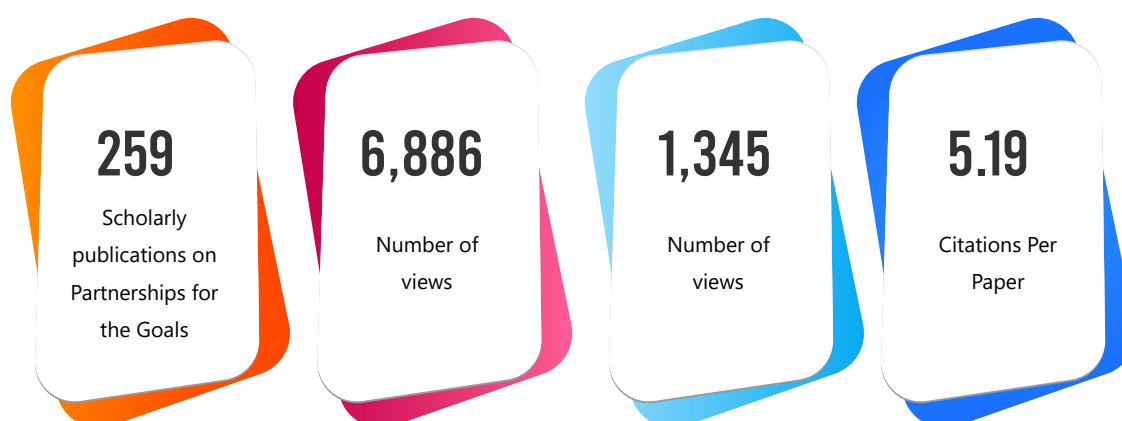
Saudi Arabian women contribute perspectives on the futures of education, employment and Vision 2030

Saudi Arabian Crown Prince Mohammed bin Salman's Vision 2030 aims at diversifying Saudi Arabia's economy. It emphasises on equal opportunities for men and women and the goal of increasing women's labour force participation from 22% to 30%.



Metrics ■

Research on Partnerships for the Goals



PSU has 259 scholarly publications on Partnerships for the Goals that has 6,886 views, cited for 1,345 times and has 5.19 citations per paper.





Relationships to support the goals

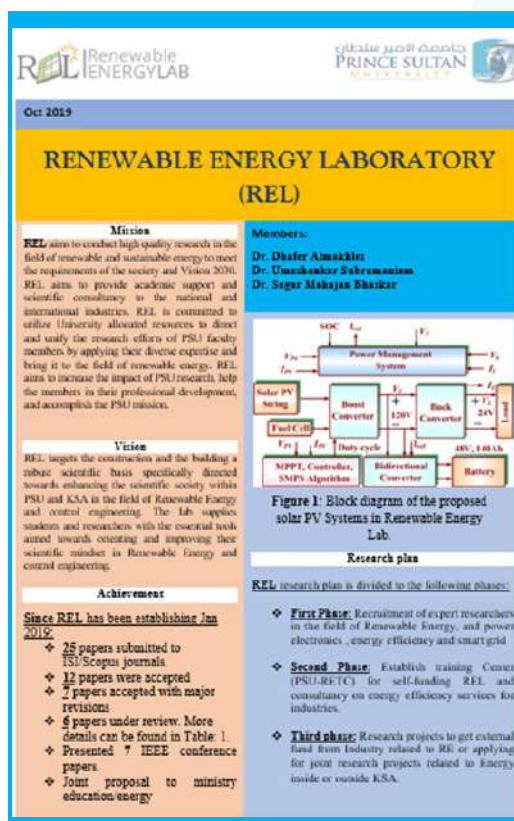
PSU has both direct and indirect involvement, or provide inputsto, government's SDG policy development.

Relationships with NGOs and govt for SDG policy

PSU has both direct and indirect involvement in government's SDG policy development. Each year PSU submits relevant data to Ministry of Education and ETEC.



PSU organizes international conferences and include topical SDG issues. Policy forum and discussion involving government/NGOs/international stakeholders.





International collaboration data gathering for SDG

PSU has international collaboration with several universities for gathering or measuring data related to the SDGs.





Global SME Policy Network

COVID-19

CORONAVIRUS DISEASE 2019



Global
SME Policy Network



جامعة الامير سلطان
PRINCE SULTAN
UNIVERSITY

Memorandum of Understanding

between

THE UNIVERSITY OF DUNDEE established by Royal Charter dated 20 July 1967 and a registered Scottish Charity (no. SC015096) having its principal office at 140 Nethergate, Dundee DD1 4HN

and

PRINCE SULTAN UNIVERSITY, P.O. Box 66833, Ratha Street, Riyadh, 11586 Saudi Arabia

Definitions

Key definitions used in this Memorandum of Understanding:

University of Dundee	"UoD"
Prince Sultan University	"PSU"
Memorandum of Understanding	"MoU"
UoD and PSU together	"Parties" and the singular a "party"

Introduction

This MoU is to record the terms and conditions on, and subject to which, the Parties are willing to discuss collaborations regarding (i) collaborations related to United Nations Sustainable Development Goals (SDGs) 2030, SDG 4 – Quality Education and (ii) to otherwise jointly develop further collaborations in research and teaching generally between the Parties (the "Proposed Collaboration").

This MoU is not exhaustive and is not intended to be legally binding between the parties, except as specifically provided for to the contrary.

UN Doc ID: 16/97/2020

United Nations Development Programme Kingdom of Saudi Arabia



16/97/2020

Responsible Party Agreement

1. Country: Saudi Arabia	
2. Name of the Organization: Prince Sultan University (PSU) is a non-profit institution established in Riyadh by the Al-Riyadh Philanthropic Society for Science and licensed by the Ministry of Higher Education. Founded as Prince Sultan College in 1998 and The Ministry of Higher Education promoted it to Prince Sultan University in 2003, with address at 66833 Ratha street, Riyadh 11586 Saudi Arabia	
3. Project Number and Title: (00103876) Support Implementation	
4. Implementation Period: From 01 June 2020 to 30 November 2020	
5. Budget:	
6. Information for CSO Bank Account into Which Funds Will Be Disbursed: Beneficiary: Prince Sultan University Account Number: 2650630884 Bank IBAN: SA3040960000002650630884 Bank Name: SAMBA Tax ID: 300628562500003	
7. Notices to PSU: Name: Dr. Mohammad Almisher Aljabreen Tel: 0566844950 Email: majabreen@psu.edu.sa	8. Notices to UNDP: Name: Mohammed Mudawi Tel: 0552651763 Email: mohammedsiddiq.mudawi@undp.org
9. Signed for Prince Sultan University PSU by: Dr. Ahmed Saleh AlYamani PSU Rector Date: 29 July 2020 Signature:	





Collaboration for SDG best practice ==

PSU has international collaboration and research. In research, we focus on reviewing comparative approaches and developing best global practice on achieving SDGs



Research MOU between University of Sonora (UNISON), Mexico and Prince Sultan University



Article

The Implementation of Sustainable Development Goals in “BRICS” Countries

Sajjad Ali¹, Talib Hussain¹, Guoliang Zhang^{1,*}, Mohammad Nurunnabi^{2,3} and Benqian Li^{1,*}

¹ School of Media and Communication, Shanghai Jiao Tong University, 800, Dongchuan Road, Minghang District, Shanghai 200240, China; sajjad@sjtu.edu.cn (S.A.); talibhussain@sjtu.edu.cn (T.H.)

² Department of Accounting, Prince Sultan University, P.O. Box 66833, Riyadh 11586, Saudi Arabia; mohammad.nurunnabi@sant.ox.ac.uk or mnurunnabi@psu.edu.sa

³ St Antony's College, University of Oxford, 62 Woodstock Road, Oxford OX2 6JF, UK

* Correspondence: zhanggl@sjtu.edu.cn or mddp@163.com (G.Z.); libenqian@sjtu.edu.cn (B.L.); Tel.: +86-136-0184-3599 (G.Z.); Tel.: +86-136-6183-5680 (B.L.)

Received: 23 June 2018; Accepted: 14 July 2018; Published: 18 July 2018

Abstract: This study investigates the adoption and implementation of the United Nations' Sustainable Development Goals (UN SDGs) in Brazil, Russia, India, China and South Africa (BRICS). The researchers selected 25 top multinational companies and studied the adoption of UN SDGs through its vision and mission statements. Using the content analysis method, this study reveals that although companies in BRICS countries have been trying to adopt defined UN SDGs, important goals are missing. Chinese companies stand first while focusing on sustainable industry innovation and infrastructure, and South African companies' interest in adopting UN SDGs appears to be very low. Overall, the results depict that important UN SDGs—'Quality Education', 'Climate Action', and 'Life Below Water'—are missing from the vision and mission statements of companies in BRICS countries. It is recommended that BRICS countries pay more attention to the UN-defined sustainable development goals. This study is unique in that it provides an analytical method to evaluate the implementation of the sustainable development goals in BRICS countries. Future studies should include more countries, in order to study a broader implementation of the goals.

Keywords: CSR; SDGs; BRICS; UN; business and society; vision and mission



Global SME Policy Network (GSPN) Initiative

Sponsors



جامعة الأمير سلطان
PRINCE SULTAN
UNIVERSITY





Special Issue "Comparative Corporate Social Responsibility (CSR) and Sustainable Development Goals (SDGs)"

- [Special Issue Editors](#)
- [Special Issue Information](#)
- [Keywords](#)
- [Published Papers](#)

A special issue of *Sustainability* (ISSN 2071-1050). This special issue belongs to the section "Economic and Business Aspects of Sustainability".

Deadline for manuscript submissions: 31 December 2021.

Share This Special Issue



Special Issue Editor

Dr. Mohammad Nurunnabi [Website](#) [SciProfiles](#)
 Guest Editor
 College of Business Administration, Prince Sultan University, Riyadh, Saudi Arabia;
 St Antony's College, University of Oxford, Oxford, United Kingdom
 Interests: CSR; sustainability; governance; business and society; policy; culture
 Special Issues and Collections in MDPI journals



Global Education Policy Network (GEPN)

Dr Mohammad Nurunnabi *CMA, FAIA(Acad), SFHEA, FRSA, CMBE*

Initiative Leader – GEPN

Editor-in-Chief, [PSU Research Review: An international Journal \(PRR\)](#)

Aide to the Rector on Research & Internationalization

Prince Sultan University, Riyadh, Saudi Arabia

&

Academic Visitor (Senior Member)

St Antony's College, University of Oxford

Oxford, United Kingdom

Re: A Letter of Agreement of Knowledge Partnership between Coursera and Global Education Policy Network (GEPN)

Dear Dr Mohammad Nurunnabi,

With this letter, **Coursera** joins Global Education Policy Network (GEPN - <https://www.psu.edu.sa/global-education-policy-network>) as a knowledge partner and makes a fundamental commitment to GEPN's initiatives. In partnership with the GEPN, we will endeavor to:

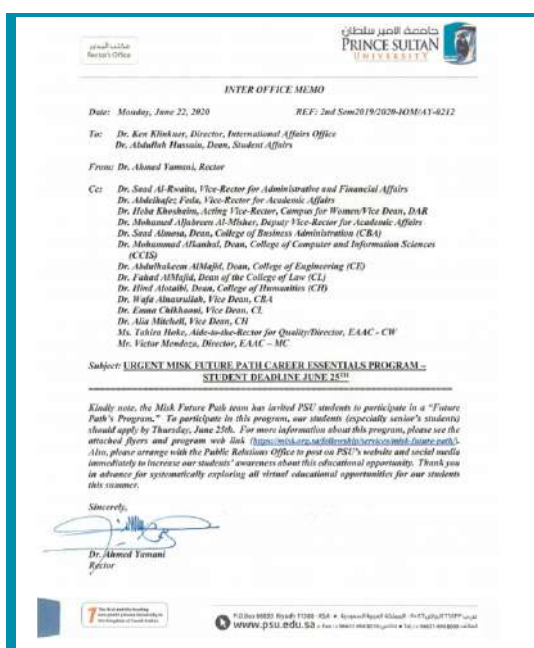
- Our logo will be under GEPN's Knowledge partner section consistent with Coursera's brand guidelines ([here](#)). Similarly, partner's (GEPN) logo will be in our website.
- We will endeavor to promote GEPN's events and newsworthy achievements.
- GEPN will acknowledge us in a global report.
- We will endeavor to support the design of the GEPN's policy paper with the specified timeline.
- We may conduct joint session(s) or conference(s) on Global Education Policy Forum with the collaboration of GEPN
- We will endeavor to do some joint Policy Papers





Collaboration with NGOs for SDGs

PSU has collaboration with NGOs to achieve SDGs through student volunteering programmes, research programmes and development of educational resources. Students participate in local and international forums. Our researchers also collaborate with international researchers focusing on SDGs.





Education for SDGs

Education for SDGs commitment to meaningful education

All programs of PSU have a meaningful commitment to meaningful education around the SDGs.



Memorandum of Understanding

between

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and

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Goal in action



Our team and Key contact

Our team

PSU Sustainability Higher Committee

Dr. Ahmed Yamani, President – Chair, UN SDG 2030 Initiative
Prof. Dr. Mohammad Nurunnabi, Aide-to-the-President – Co Chair, UN SDG 2030 Initiative
Prof. Dr. Saad Al-Rwaita, Vice President, Administrative and Financial Affairs
Dr. Abdelhafez Fedaa, Vice President, Academic Affairs
Dr. Mohammad Aljibreen, Deputy Vice President, Academic Affairs
Dr. Heba Khoshaim, Deputy Vice President, Campus for Women
Dr. Mamdouh Alenezi, Dean, Deanship of Quality Assurance Development
Dr. Anis Koubaa, Aide-to-the-President on PSU Research Governance
Dr. Emna Chikhaoui, Vice Dean, College of Law
Dr. Jolly Sahni, Director, Jubilation Office
Mr. Victor Mendoza, Director, Evaluation and Academic Accreditation Center (MC) – Coordinator

PSU Sustainability Steering Committees

Dr. Mohammad Nurunnabi, Chair
Dr. Rafed Zawawi, Co-Chair
Dr. Hazem Abu-Farsakh, Member
Dr. Mohammed Abkjaji, Member
Dr. Elham Dannoun, Member
Dr. Umashankar Subramaniam, Member
Dr. Tahira Hoke, Member
Ms. Muneera Althubaiban, Member

Dr. Heba Khoshaim, Chair
Dr. Wafa Alnasrullah, Co-Chair
Dr. Tanzila Saba, Member
Dr. Dina El-Dakhs, Member
Ms. Saima Rashid, Member
Ms. Arooj Yaswi, Member
Ms. Hanan Alsubai, Member

Dr. Emna Chikhaoui, Chair
Dr. Burhanettin Ozdemir, Member
Dr. Ouarda Layachi, Member
Mr. Bryan Morales, Member

Dr. Mamdouh Alenezi, Chair
Dr. Iman Almomani, Co-Chair
Dr. Alia Mitchell, Member
Engr. Ibrahim Ghemlas, Member
Dr. Mobarak Aldossari, Member
Mr. Reda Aloufi, Member
Ms. Rawan Abdullah, Member

Dr. Jolly Sahni, Chair
Dr. Roaa Atiyeh, Member
Ms. Hafsah Alekrish, Member
Mr. Maruf Rahman, Member
Ms. Roohi Jan, Member
Ms. Sara Alshareef, Member

Dr. Anis Koubaa, Chair
Dr. Emna Chikhaoui, Co-Chair
Dr. Burhanettin Ozdemir, Member
Dr. Dhafer Almakhles, Member
Dr. Izani Ibrahim, Member
Ms. Sara Almuhaya, Member

Key contact

Prof. Dr. Mohammad Nurunnabi, Aide-to-the-President – Co Chair, UN SDG 2030 Initiative





SUSTAINABLE DEVELOPMENT GOALS

PSU's commitment to SDG 2030

PSU is committed to United Nations Sustainable Development Goals (SDGs) through effective institutional resource management, innovative teaching and learning, research, national and international partnerships, continuous studies, and outreach. PSU shall undertake the following activities: form higher and steering committees, evaluate each SDG, formulate and develop related SDG policies, conduct awareness campaigns to the PSU community, establish a sustainability office, identify the SDGs related to each college, program, and course, and lab centers at PSU, and implement sustainability-related initiatives.

Vision

Prince Sultan University strives to support Saudi Arabia's Vision 2030 and the United Nations Sustainable Development Goals (SDGs) by paving the way for higher education in KSA and Middle East.

Mission

Supporting the Saudi Arabia's Vision 2030 and the PSU's strategic directions, PSU aligns its mission with SDGs by providing quality education, sustainability initiatives, lifelong learning, scientific research, and community service.

جامعة الامير سلطان
PRINCE SULTAN
UNIVERSITY



P.O. Box No. 66833, Rafha Street, Riyadh 11586,
Saudi Arabia.