



Sustainable Development Report



Table of contents

| | | | | | |
|---|---|----|---|---|-----|
| Center for Sustainability and Climate | - | 01 | SDG 12 (Responsible Consumption and Production) | - | 75 |
| Foreword from the President | - | 02 | SDG 13 (Climate Action) | - | 80 |
| Director of CSC | - | 03 | SDG 14 (Life below Water) | - | 91 |
| Message from the Director | - | 04 | SDG 15 (Life on Land) | - | 95 |
| SDG 1 (No Poverty) | - | 05 | SDG 16 (Peace, Justice and Strong Institutions) | - | 101 |
| SDG 2 (Zero Hunger) | - | 12 | SDG 17 (Partnerships for the Goals) | - | 119 |
| SDG 3 (Good Health and Well-being) | - | 14 | SDG Higher Committee 2022-23 | - | 129 |
| SDG 4 (Quality Education) | - | 18 | SDG 5 Committee | - | 130 |
| SDG 5 (Gender Equality) | - | 20 | SDG 8 Committee | - | 131 |
| SDG 6 (Clean Water and Sanitation) | - | 30 | SDG 16 Committee | - | 132 |
| SDG 7 (Affordable and Clean Energy) | - | 33 | SDG 17 Committee | - | 133 |
| SDG 8 (Decent Work and Economic Growth) | - | 45 | Role of Advisory Board | - | 135 |
| SDG 9 (Industry, Innovation and Infrastructure) | - | 58 | Advisory Board | - | 136 |
| SDG 10 (Reduced Inequalities) | - | 65 | Sustainability Fellow | - | 139 |
| SDG 11 (Sustainable Cities and Communities) | - | 69 | Impact Rankings | - | 142 |
| | | | PSU SDG Club | - | 143 |



Center for Sustainability and Climate



Who we are

Prince Sultan University's Center for Sustainability and Climate (CSC) 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

To support Saudi Arabia's Vision 2030 and the United Nations Sustainable Development Goals (SDGs) towards sustainability and climate justice by inspiring action, developing leadership, and building networks.

Mission

Supporting the Saudi Arabia's Vision 2030 and the PSU's strategic directions, Prince Sultan University's Center for Sustainability and Climate (CSC) transform commitments into action and build a decarbonized, more sustainable world, driving technological and economic transformations to realize sustainable competitive advantage. To coordinate, promote, and accelerate interdisciplinary research and training on sustainability and climate, and the role of humans in the environment.



President, SDG Higher Committee Chair, PSU



Dr. Ahmed Bin Saleh Al-Yamani

President, Prince Sultan University, Saudi Arabia, PhD, Civil Engineering, University of Michigan, USA. Founding editor, 'PSU Research Review: An International Interdisciplinary Journal' (Emerald Group Publishing Limited, UK). Board member, National Commission for Assessment and Academic Accreditation (NCAAA), Ministry of Education, Saudi Arabia

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. 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. 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. 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.



Director of CSC



Professor Mohammad Nurunnabi

PhD (Edinburgh), FAIA(Acad), SFHEA, FRSA, CMBE, CMA, FFA, FIPA, CPA

Director, Center for Sustainability and Climate (CSC), Aide to the President and Chair in Accounting Prince Sultan University, Saudi Arabia, Academic Visitor (Senior Member) in St Antony's College, University of Oxford, United Kingdom

Professor Mohammad Nurunnabi, PhD (Edinburgh), SFHEA, FRSA, FAIA (Acad), CMBE, FFA, FIPA, CMA, CPA is the Director of Center for Sustainability and Climate, Aide to the President on Ranking and Internationalization, and Chair of the Department of Accounting at Prince Sultan University, Saudi Arabia. He is an Academic Visitor (Senior Member) of St Antony's College, University of Oxford, Oxford, United Kingdom. Previously he has taught in University of East London, United Kingdom (UK), University of Bedfordshire (UK), and Edge Hill University (UK). Prior to his academic career, he worked as a financial team member in ADVFN Plc (covers in excess of 70 stock exchanges from across the globe), London, UK. He holds a PhD with an outright pass (no corrections) from the University of Edinburgh, UK. He is a Certified Public Accountant (CPA), a Chartered Management Accountant (CMA), a senior fellow of Higher Education Academy (SFHEA), UK, an academic fellow of the Association of International Accountants (FAIA-Acad), fellow of the Royal Society of Arts (FRSA), Certified Management & Business Educator (CMBE), Fellow, Institute of Financial Accountants (FFA), and Fellow of Institute of Public Accountants (FIPA). He is an academic member of the Institute of Management Accountants (IMA), European Accounting Association (EAA), British Accounting and Finance Association (BAFA), and American Accounting Association (AAA). He has been active within the accounting profession and is a Vice President (Education) of the IMA Riyadh Chapter, Saudi Arabia and a Global Advisory member of the Diversity Thought Leadership Pipeline (DTLP) Committee of the IMA, USA.



Message from the Director Center for Sustainability and Climate

Prince Sultan University's Center for Sustainability and Climate (CSC) 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. Since the launch of Vision 2030 in 2016, the Kingdom has taken significant steps to scale up its climate action and environmental protection. Our mission is to support the Saudi Arabia's Vision 2030 and the PSU's strategic directions. Prince Sultan University's Center for Sustainability and Climate (CSC) transform commitments into action and build a decarbonized, more sustainable world, driving technological and economic transformations to realize sustainable competitive advantage. To coordinate, promote, and accelerate interdisciplinary research and training on sustainability and climate, and the role of humans in the environment. With the launch of the Saudi Green Initiative in 2021 as part of Saudi Vision 2030, the Kingdom has reaffirmed its belief in a sustainable future for all. According to Saudi Green Initiative "The first wave of more than 60 initiatives announced under SGI—and unveiled at the October 2021 Saudi Green Initiative Forum—represent over SAR 700 billion investment to contribute to the growth of the green economy. Under the patronage of HRH Crown Prince Mohammed bin Salman, the Saudi Green Initiative now takes efforts to the next level by unifying all sustainability efforts in the Kingdom to increase reliance on clean energy, offset the impact of fossil fuels and combat climate change." The Center for Sustainability and Climate (CSC) at PSU is strongly committed to contribute to the initiatives of Saudi Green Initiative, Saudi Vision 2030 and of course the United Nations Sustainable Development Goals (SDGs).

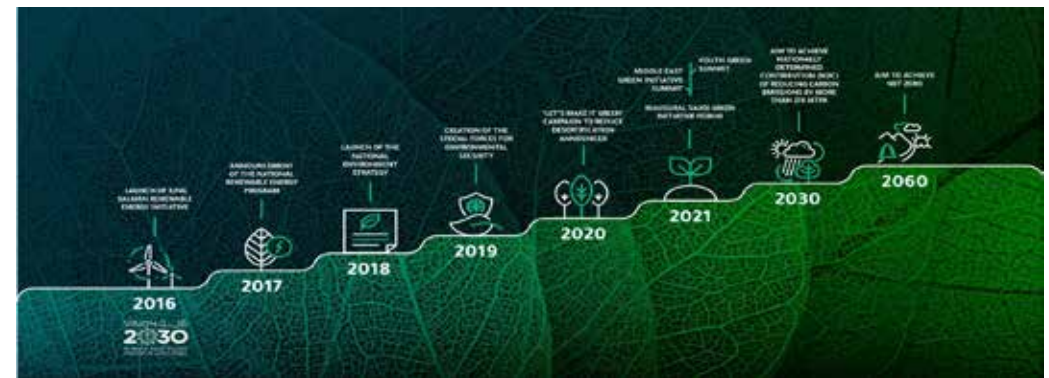
We will work together to make a better world.

“

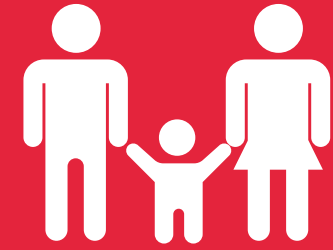
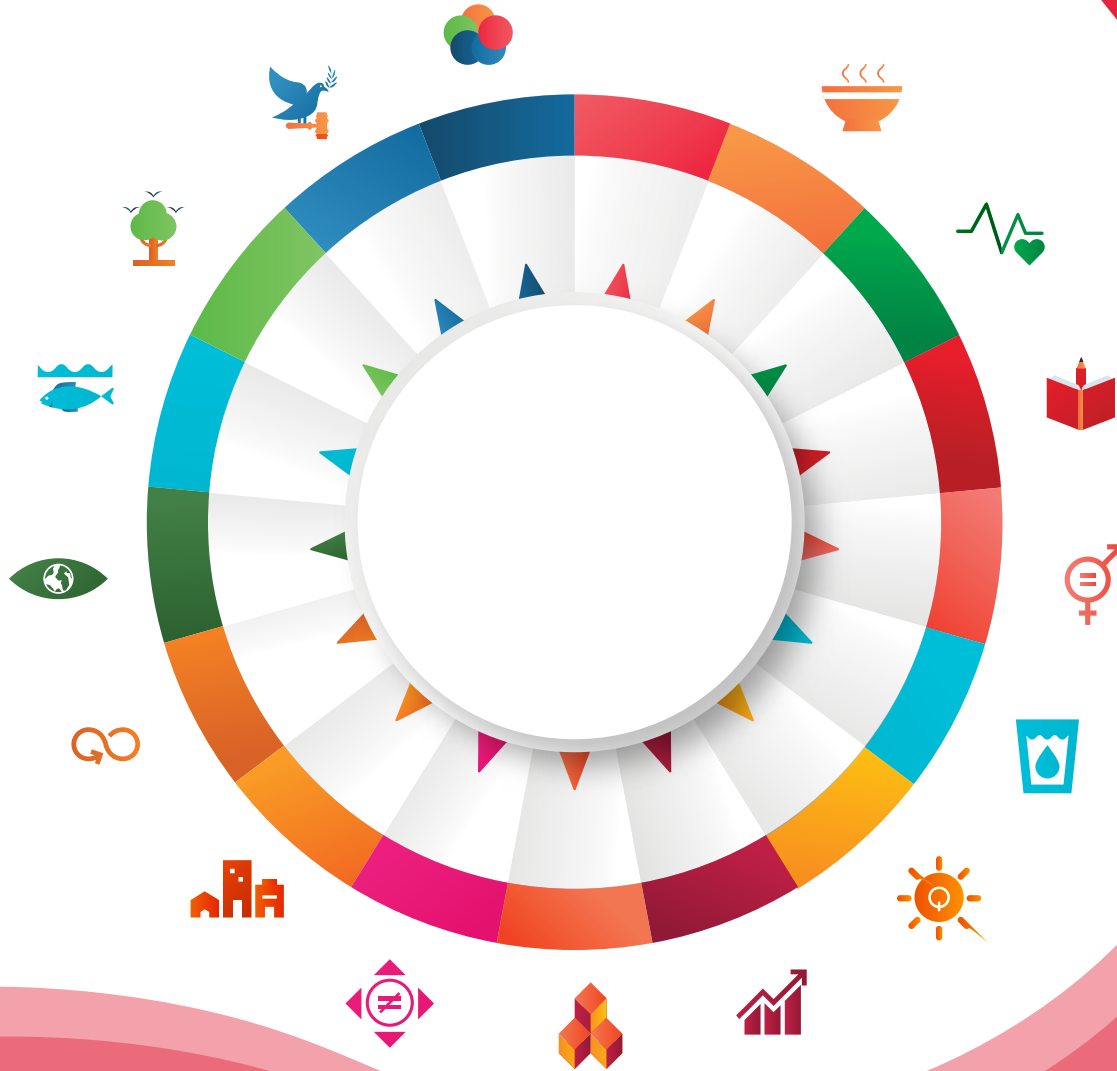
“Prince Sultan University is the First Saudi University to Pledge Net Zero Carbon University by 2060”

”

Prince Sultan University is the Second Saudi University in SDG 17 - Partnerships for the goals



Source: <https://www.saudigreeninitiative.org/>



No
Poverty

NO POVERTY

PSU has played a multifaceted role in contributing to SDG No. 1 reporting and achieving the goal of ending poverty. Through research, education, community engagement, and partnerships, PSU has made meaningful contributions to poverty reduction efforts and helped monitor progress toward this critical sustainable development goal.

Research and Data Collection

Researchers at PSU have conducted research and have collected data on poverty-related issues both locally and globally. This research has provided valuable insights into the factors contributing to poverty and helped in monitoring progress toward poverty reduction.



An Empirical Study on the Impact of Energy Poverty on Carbon Intensity of the Construction Industry: Moderating Role of Technological Innovation

Jianhua Zhang¹, Yushan Liu^{1*}, Najia Saqib² and Hafiz Waqas Kamran³

¹School of Economics and Management, Northeast Petroleum University, Daqing, China, ²Department of Finance, College of Business Administration, Prince Sultan University, Riyadh, Saudi Arabia, ³Department of Business Administration, Iqra University, Karachi, Pakistan



REVIEW ARTICLE

<https://doi.org/10.17059/ekon.reg.2022-1-2>
UDC: 331.5



Yusuff Jelili Amuda
Prince Sultan University, Riyadh, Saudi Arabia
<https://orcid.org/0000-0003-2150-2539>, e-mail: yusuffja@psu.edu.sa

Palm Tree Plantation as a Panacea for Poverty and Unemployment Reduction in South-Western Nigeria: A Review¹

Empirical investigation of Islamic legal framework, crowd humanitarian funds and poverty reduction in selected Organization of Islamic Cooperation (OIC)

Yusuff Jelili Amuda (College of Law, Prince Sultan University, Riyadh, Saudi Arabia)
Shafiqul Hassan (College of Law, Prince Sultan University, Riyadh, Saudi Arabia)



International Journal of Social Economics
ISSN: 0306-8293
Article publication date: 22 August 2023

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20



Permissions



PLOS ONE

OPEN ACCESS PEER-REVIEWED

RESEARCH ARTICLE

Financial and social efficiency of microcredit programs of partner organizations of Pakistan Poverty Alleviation Fund

Zulfiqar Ali, Muhammad Asif, Naila Nazir, Ateeq Ur Rehman Irshad, Ikram Ullah, Shabir Ahmad

Published: March 24, 2023 • <https://doi.org/10.1371/journal.pone.0280731>

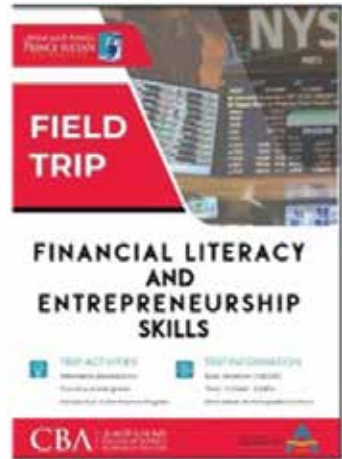


Teaching and Education

PSU has incorporated the study of poverty and its multidimensional aspects into its academic service-learning programs. This can help students understand the root causes of poverty, its impact on society, and potential solutions.

Elite Program in Collaboration with Monsha'at

Elite Program in Collaboration with Monsha'at. Monsha'at "Small or Medium Enterprises General Authority" (SMEs) provides job opportunities for the Saudi people and fosters 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.



Al-Motaqadimah school Visit

In accordance with PSU Strategic Plan Theme 4: Outreach, Marketing, and Partnerships and in alignment with Goal: 1; "Develop and improve PSU community service and continuing education programs and initiatives-Objective: ""To expand community services:" and in accordance with SDGs, this suggestion belongs to: SDG:4 "Quality Education. The purpose of this game is to show students that in doing business they have limited sources and must use it cleverly without wasting. This game also teaches students in doing business they need all the support system because lack of support system will make their collapse.

CSCE's Classroom with a Cause

“we make a living by what we get,
we make a life by what we give.”
—Winston S. Churchill

Dear PSU family,

With the current pandemic, and the toll it took on all our lives, reaching out to help others can help in creating a healthier and happier community for all of us.

“Classrooms with a Cause” is a weekly community service activity which gives you the opportunity to shed some light on program related issues you care about, brainstorm effective solutions to heal the problem, be a leading cause in a communal service, and improve the quality of life.

We need YOU to join our team and make our community better, one Google Meet at a time!

To register: <https://forms.gle/7g9vAvTAK4kq9vNq>
Start date: October 2020

OPEN TO PUBLIC

*For more information, please contact: Rasoolah@psu.edu.sa
*Certificates will be given

Community Engagement

PSU has been engaged with local communities through outreach programs. These programs are designed to address poverty by providing resources, education, and support to disadvantaged communities.



Winter Donation for AlNahda Charity

Serving the community and meeting their needs is our main aim at the Community Service Unit. Therefore, as part of this ongoing commitment, we have organized Winter Donation initiation in collaboration with AlNahda Charity. In this initiation, we have limited the donations to one item only, which is "new blankets," as advised by AlNahda charity.

Excel Workshop for Employees of Insan Charity

Through this workshop, basic knowledge of MS Excel was provided to employees of the Insan Charity Organization. All CMP faculty of the female campus were involved in this activity. Attendees were able to grasp basic concepts of MS Excel. They learned how to create spreadsheets and manage them. The session provided the opportunity for attendees to practice learned concepts hands-on.

Technical Workshop for Bunyan Charity

The IS department had organized a series of workshops under Community Service titled: "Tech Bootcamp - Bunyan Charity". Participants are involved in hands-on training/workshops to understand the basic tools and technologies. At the end of the workshop, the participants are able to learn basic tools and technologies for business development, develop a website, google form, and flyers, secure themselves from basic attacks while surfing on social media, and create a database using excel and Microsoft Access.



Innovation and Entrepreneurship

PSU has fostered innovation and entrepreneurship by supporting students and researchers in developing solutions that address poverty. This includes initiatives that have created jobs, improved access to education and healthcare, and promoted economic empowerment.

Joud

Joud is a charitable project which held every semester three several times on a row, the last one was in April 10th, 11th, and 12th 2016, where individuals from community participate in donating electronic devices to CSCEC who will seek for the unfortunate schools to fix and deliver the devices.



Mishkat

Is a charitable idea by two PSU-IS students wanted to help community with their technological knowledge as senior students. By following CSCEC vision to meet community needs, since that time Mishkat was the most popular project among society and PSU students as well where they found Mishkat as an opportunity to express their talents in teaching Charity beneficiaries who are in the same of their age.

Awareness and Advocacy Campaigns

PSU has raised awareness about poverty-related issues through workshops, seminars, and public lectures. These activities have encouraged dialogue and action on poverty reduction through community involvement.



The Community Service and Continuing Education Center organizes a workshop entitled Canva Workshop

The Community Service and Continuing Education Center, in cooperation with the College of Computer and Information Sciences at the university, organized a workshop entitled Canva Workshop.

Al-Ghamlas presents a lecture entitled (Activating Community Service and Continuing Education Centers in Schools)

His Excellency Eng. Ibrahim bin Abdullah Al-Ghamlas, Director of Community Service and Continuing Education at the University, gave a lecture entitled (Activating Community Service and Continuing Education Centers in Schools) at the Enterprise Support Center in Riyadh, within the Education Week organized by the General Authority for Small and Medium Enterprises (Monshaat), and also The Ministry of Education and establishments operating in this sector were invited to present their successful experiences, and Eng. Al-Ghamlas was invited to present the university's experience and demonstrate its distinguished role through community service and continuing education center.



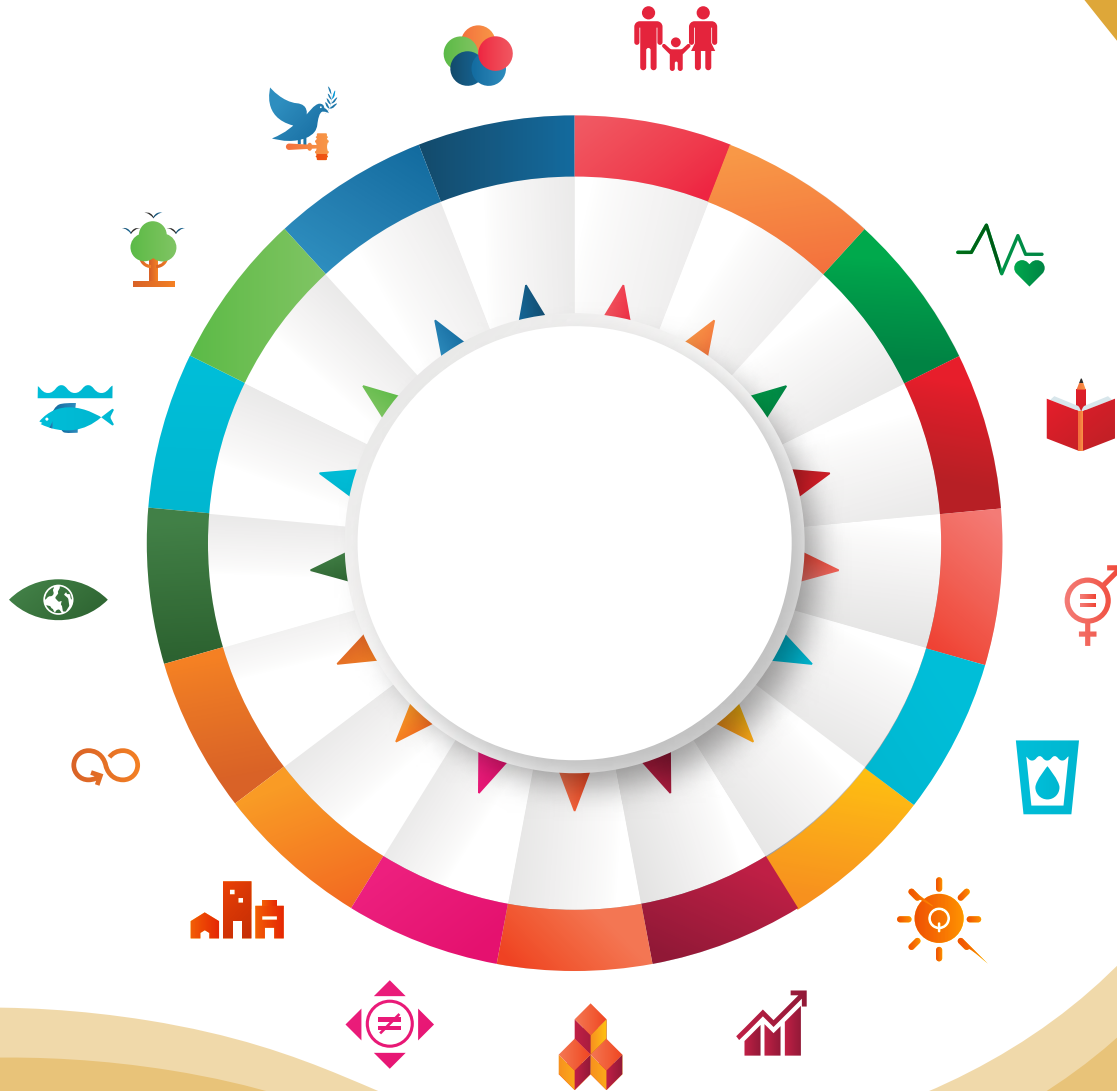
Global Collaboration

PSU has participated in international networks and collaborations focused on poverty reduction. This enables the sharing of knowledge and best practices on a global scale.

Elite Program in Collaboration with Monsha'at

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





Zero Hunger

ZERO HUNGER



PepsiCo's Food for Thought in Partnership with Prince Sultan University

Panel (1)
Unlocking Youth Potential in the mission towards Zero Waste and Sustainable Development Goals

Date: 1 SEP 2022
Time: 12:00 to 12:30 PM
Venue: PSU Auditorium Building 105



Dr. Ahmed Yamani
President, Prince Sultan University



Mr. Eugene Willemssen
CEO, Global, Middle East and SouthWest Asia of PepsiCo



Dr. Mohamed Nurussabli
Director of Center for Sustainability & Director, Role in the President on Building and Implementation of PSU

www.psu.edu.sa

PepsiCo's Food for Thought in Partnership with Prince Sultan University

Panels

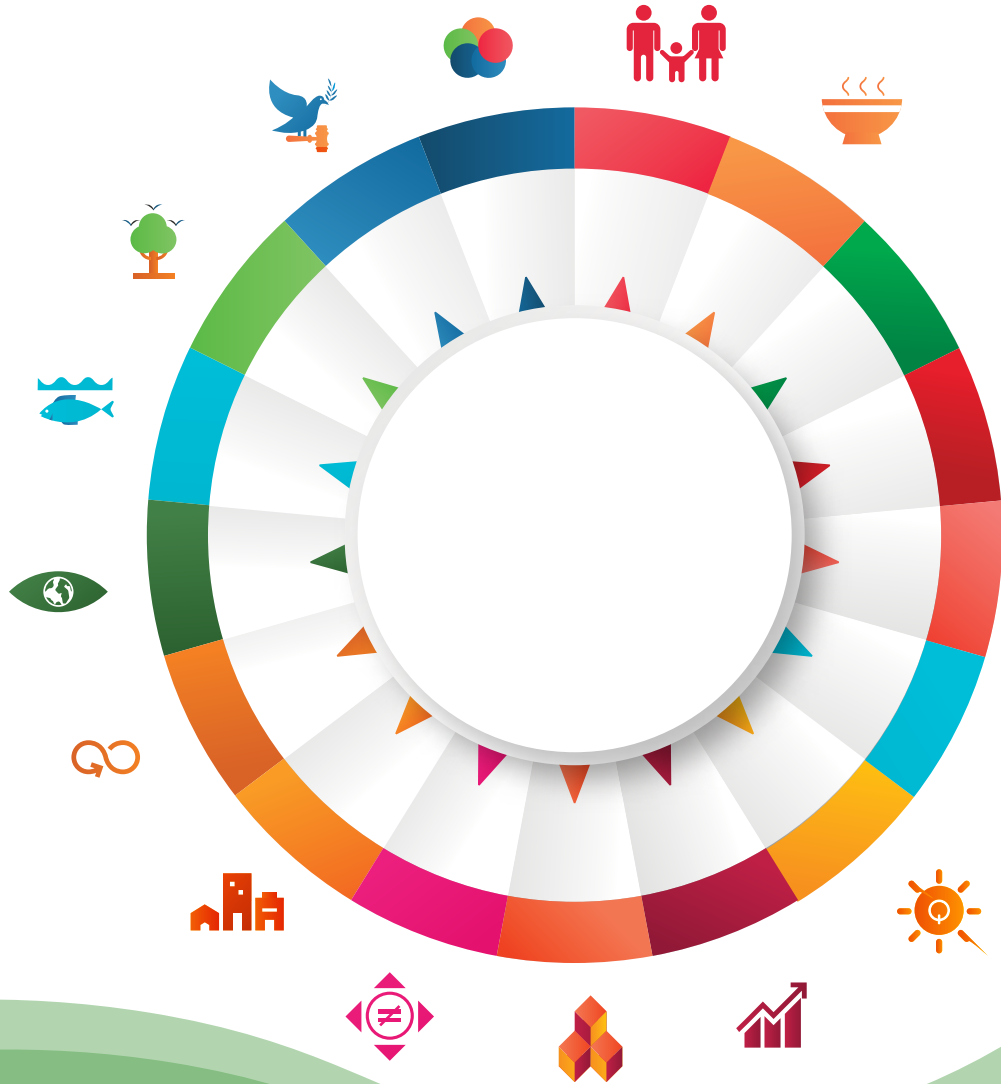
~ Unlocking Youth Potential in the mission towards Zero Waste and Sustainable Development Goals

~ Towards Sustainable Development Goals and Saudi Vision 2030

PepsiCo and Prince Sultan University activate first student led competition following MoU signing last year

SAUDI ARABIA, 23 March 2023 - Following the memorandum of understanding (MoU) signed in September 2022, PepsiCo, the leading food and beverage company in the region, and Prince Sultan University (PSU) have activated their first phase of student competitions, with winners announced last Monday. Cash prizes were given to each category winner ranging from first to fifth place, worth up to eight thousand Saudi Riyals.





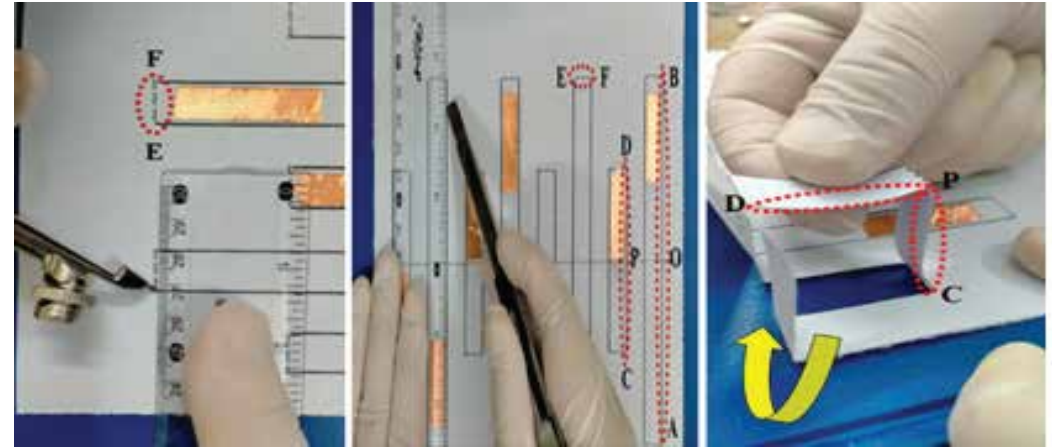
Good
Health
&
Well-being

GOOD HEALTH & WELL-BEING

Summary

Prince Sultan University is fully committed to good health and wellbeing. This is clearly reflected on different fronts. On the research front, the university faculty members produce quality research on health issues from different perspectives, particularly computer science and engineering. Additionally, PSU has formed 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 a number of policies and services, such as a smoke-free policy, the provision of mental health support through the counselling offices at both the male and female campuses and the 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, including arranging blood donation campaigns, paying visits to hospitals and schools by outreach committees, holding mental health awareness sessions by the Psychology Club and providing sports training by the 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.



Smart Systems Engineering Laboratory at the College of Engineering Designed Revolutionary Antennas for Cancer Detection, Wearable IOT Healthcare, 5G, and WI-FI Applications

Innovative designs for antenna systems have been successfully designed by the leader of smart systems engineering laboratory, Professor Mohamed Marey. It is a collaborative effort involving research centers in France, Italy, Germany, UK, Pakistan, Egypt, and India. Cancer detection, wearable internet of things healthcare, 5G cellular networks, and wireless local area networks have all been primary focuses of these designs. In this year, the laboratory has delivered no fewer than fifteen creative solutions to this crucial wireless technology.

New generations of wireless technologies, including 5G cellular and 6G Wi-Fi, provide greater data speeds, ultra-low latency, improved reliability, vast network capacity, and increased availability.

PSU's Prosthetics and Orthotics Center aims to bring mobility to Saudi Arabia's amputees



In 2018, almost 4,000 people in Saudi Arabia had a lower limb amputated, and more than half of these cases were due to diabetes, according to an article in Eastern Mediterranean Health Journal. However, many amputees do not receive rehabilitation services, and amputation often carries a high economic and emotional impact.

In 2018, almost 4,000 people in Saudi Arabia had a lower limb amputated, and more than half of these cases were due to diabetes, according to an article in Eastern Mediterranean Health Journal. However, many amputees do not receive rehabilitation services, and amputation often carries a high economic and emotional impact.

Breast Cancer Awareness Month

"Pink Out for a Good Cause", Creating the Biggest Community Ribbon for Breast Cancer Awareness Month.



Excoriation (skin-picking) disorder among adolescents and young adults with acne-induced post-inflammatory hyperpigmentation and scars

The College of Humanities and Sciences (CHS) invites you to attend the 6th Research Seminar, Entitled: "Excoriation (skin-picking) disorder among adolescents and young adults with acne-induced post-inflammatory hyperpigmentation and scars."

CHS جامعة الامير سلطان
The College of Humanities and Sciences (CHS)
6th Research Seminar

Excoriation (skin-picking) disorder among adolescents and young adults with acne-induced post-inflammatory hyperpigmentation and scars

Among the plethora of health-related concerns, skin disorders are particularly common to adolescents and young adults. Their reactions to skin-related disorders can be different from other disorders. While medical problems could be physiologically impacting, skin disorders like excoriation disorder can directly affect them in ways that have psychological consequences (e.g. anxiety, low self-esteem, and impaired quality of life). The increasing prevalence of excoriation disorder has resulted in its inclusion in the Diagnostic and Statistical Manual of Mental Disorders (DSM-5) and the eleventh edition of the International Classification of Diseases (ICD-11) manuals as one of the obsessive-compulsive disorders (OCD) related disorders. However, health care professionals may not often recognize this important entity especially among adolescents and young adults presenting with acne-induced post-inflammatory hyperpigmentation and scars. While both pharmacologic and non-pharmacologic therapies are available, psychological intervention is rarely considered. Physicians who usually make first contact with patients, such as Family Medicine Physicians, Pediatricians, Dermatologists, and Aesthetic Medicine Physicians need to have a relatively high index of suspicion for psychological interventions for those presenting frequently with new or repeat lesions. Incorporating mental health specialists is encouraged in order to ensure the provision of holistic care to affected persons.

Dr. John Ekore earned his degrees in Psychology and became a full Professor of Psychology at the University of Ibadan, Nigeria in 2014. An Associate Professor in PSU where he teaches Psychology and Stress Management since 2016. He was a Visiting Professor to Kenya and United States. His professional focus is on psychological wellbeing and skills development.

Via Google Meet
Wednesday @ 11:00 AM - 1:00 PM
OCT 19

www.psu.edu.sa

YEA! Global Summit
5th July 2022

YEA! youth & education alliance
UN environment programme 50th anniversary
eauc

YEA! Global Summit
RACE TO ZERO
10:00 AM - 16:00 PM (UTC) - 5th JULY

Speakers: SADEENWA HAJJAWANA, BERKA KAMAT, MOHAMMED HUMAYUN, RAJENDRA BOJRA

Jubilation Office @PSU provides mental health support for all its employees

Find your balance: Live more, Stress less

Speaker: Ms. Huda AlMedayfir

Certified NLP Practitioner Coach

Certified Associate Leadership

Certified Organizational Development

Coach Therapist

Displaced people and refugees are the important agenda for inclusive SDGs - Discussing UNEP YEA! Global Summit 2022

Prince Sultan University is the First Saudi University to Pledge Net Zero Carbon University by 2060. Race to Zero for Universities and Colleges campaign is run in partnership with EAUC, Second Nature and UN Environment. EAUC are the secretariat. Being part to this campaign Prince Sultan University has been added to the UNFCCC Race to Zero campaign.

Jubilation Office invites to the Webinar
Mental Health Awareness Day
Find your balance : Live more, **STRESS** less

Speaker: Ms. Huda AlMedayfir
Certified NLP Practitioner coach
Certified Associate Leadership
Certified Organizational Development Coach
Therapist
Tuesday
11th October 2022
12:00PM - 1:00PM
Join us via Google meet



Quality Education

QUALITY EDUCATION

Prince Sultan University is a result of effort, the Custodian of the Two Holy Mosques, King Salman bin Abdulaziz, may Allah preserve him. The education for employment project at the university provides the most important international training programs targeted at graduates of Saudi colleges and universities who hold a bachelor degree.

It is essential that attention be paid to this category of both sexes' national youth population and find integrated scientifically based programs to develop their capacities to preserve our society's future features. To ensure that the pace of development continues, and although the practice of work is a contribution to national development, it is undoubtedly a means of earning and providing decent livelihoods.

Invitation to Participate in Programming Jam 7.0

The Programming Jam 7.0 is an annual programming contest that is organized by the ACM Professional Chapter in Saudi Arabia annually in Prince Sultan University. After the successful previous events, this year, this competition will be open to all students of Universities in Saudi Arabia, as a new form of gathering programmers at national level and as a joint event among Saudi Universities. The Programming Jam 7.0 will be held on 26th of March , 2022.

26 MARCH 2022 جامعة الامير سلطان
PRINCE SULTAN UNIVERSITY



www.acmps.com/pjam

Why did the programmer program in **java**...
because?

{CS} Department of Computer Science CCIS كلية علوم الحاسب والمعلومات
COLLEGE OF COMPUTER & INFORMATION SCIENCES



Gender Equality

GENDER EQUALITY

Proportion of women first-generation - 12%



712 Number of women starting a degree

88 Number of first-generation women starting a degree



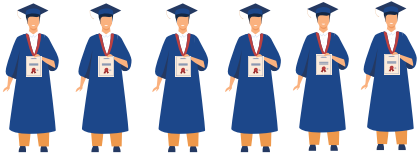

Proportion of senior female academics - 47%



107 Number of senior academic staff

50 Number of female senior academic staff

Proportion of women receiving degrees

| | Number of graduates | Number of female graduates |
|-------------------------------------|---|--|
| STEM |  205 |  79 |
| Arts & Humanities / Social Sciences |  481 |  335 |
| Total | 686 | 414 |

Policies

Anti-Discrimination Policy

Prince Sultan University PSU
Policy Management System
Anti-Discrimination Policy



| | |
|-------------------------|--|
| Policy Code: | GV0007 |
| Policy Name: | Anti-Discrimination Policy |
| Handler: | PSU President |
| Date Created: | 15 August 2020 |
| Date of Current Review: | <input type="text" value="01 November 2022"/> (Click to see previous review dates) |
| Approved by: | University Council |
| Date of Approval: | 02/09/2020 |

Gender Equality Policy

Prince Sultan University PSU
Policy Management System
Gender Equality Policy

| | |
|-------------------------|--|
| Policy Code: | GV0008 |
| Policy Name: | Gender Equality Policy |
| Handler: | The President Office |
| Date Created: | 15 July 2020 |
| Date of Current Review: | <input type="text" value="01 November 2022"/> (Click to see previous review dates) |
| Approved by: | PSU University President |
| Date of Approval: | 11 November 2022 |



Personnel governing polices and regulations

Article (80)

A Muslim female employee whose husband passes away shall be entitled to a fully paid leave for 130 days as of the date of her husband's death. A non-Muslim employee whose husband passes away is entitled to a fully paid fifteen-day leave.

Article (81)

A pregnant employee shall be entitled to a maternity leave for ten weeks, starting with a maximum of four weeks before the expected date of delivery.

Article (82)

During maternity leave, the employee shall be entitled to the following:

1. Extend the leave for one-month unpaid leave.
2. Fully paid one-month leave in the event of giving birth to a sick child or a person with a disability, whose health condition requires continuous accompaniment.

PERSONAL LEAVE (Female Staff)

Article (83)

A female employee shall have the right to have a leave with full pay in the following cases:

- a. Five days upon getting married.
- b. Two days in case of a family emergency.
- c. Five days in case of a death of a spouse, or one of her ascendants or descendants.

The University may request any supporting documents for all mentioned cases.



Faculty governing polices and regulations

Article (60): The faculty member who proves his illness by virtue of a medical report issued by a certified medical reference is entitled to sick leave during a year, according to the following:

1. Full pay for the first thirty days.
2. Three-quarters of full salary for the next sixty days.
3. Without pay for the next thirty days.

Article (61): The faculty member shall not be entitled to a sick leave in case of sickness during travel outside the Kingdom for a reason other than an official delegation.

Article (62): Sick leave provided for in Article (59) shall be doubled in case of sickness caused by work.

Article (63): A Muslim female faculty member shall be entitled upon death of her spouse to a period of 130 days commencing from the day following the date of the spouse's death. She will be entitled for full pay against such period if she has already spent three years in service before her entitlement for "Iddah" (period of waiting) Leave and half of its net pay if she did not complete three years of service.

Article (64): A female faculty member who is pregnant shall be entitled to a paid maternity leave of (45days) starting the date of birth.



Compliance Confidentiality Policy

Policy

It is the Compliance and Legal Office Policy at Prince Sultan University to put all necessary efforts to maintain the confidentiality of all complaints and investigations and to keep the files (hard copies) in a locked file in the Compliance and Legal Office.

Confidential information must be maintained properly by the Compliance and Legal Office, which has the right to access, use, and disclosure within the limits of his/her authority. Any confidential information, whether oral, written or electronic should be maintained in a manner that safeguards its confidentiality.

The release of any such confidential information or the unauthorized or inappropriate use of the confidential information may affect negatively Prince Sultan University and may result in the worst of cases in a cause of action.



Writing and Tutoring Center (WTC)

We are the center of excellence here at PSU, aiming to support undergraduate and graduate students through our academic tutoring and writing services. The WTC is your go-to center to reach your highest academic performance. The WTC offers its services in Arabic and English.

College of Humanities and Sciences offers scholarships for female students



WTC Statistics Apr. 22- Sep. 23

- Faculty
- Students

| Category | Male | Female |
|--------------------------|------|--------|
| Faculty & Student Tutors | 19 | 115 |
| Student Tutors | 97 | 583 |

Statistics of WTC hired tutors (faculty & students)

Statistics of WTC conducted appointments (male and female students)



40-50%

SCHOLARSHIPS FOR FEMALE STUDENTS

LIMITED SEATS AVAILABLE

For Second Semester
2022-2023

BA in Translation
BA in Applied Linguistics

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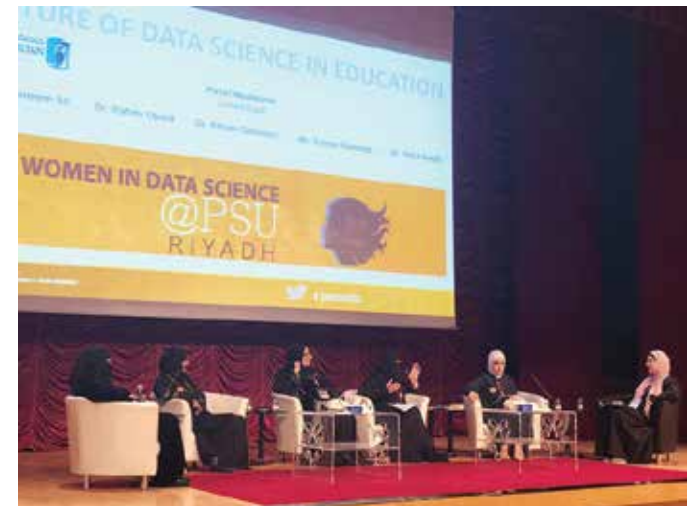
For more information
0114948208 - 0114948201
ltd@psu.edu.sa
Rules and restrictions apply



Women in Data Science

Sixth International Women in Data Science(WiDS) Sixth International Conference of Women in Data Science @ Prince Sultan University, Riyadh, Saudi Arabia, March 14-15, 2023, Prince Sultan University, Location - Building 105 , Auditorium

Sixth International Women in Data Science(WiDS) Conference was organized by Prince Sultan University(PSU), Artificial Intelligence & Data Analytics (AIDA) Lab, in collaboration with Stanford University. The aim of the conference was to foster women's interest and professional participation in both data science and engineering and computer science as a whole. WiDS PSU 2023 brought together high-profile international researchers and industry pioneers. Prince Sultan University (PSU) is the WiDS Ambassador for Stanford, and the conference aims to expose the latest data science research and practices in the Arab Middle East by promoting the exchange of ideas, encouraging mentorship, and interdisciplinary collaboration in line with technological advances in the Kingdom under the umbrella of the Saudi Vision 2030.



STEM Exhibition Day, Sunday 12th Feb 2023 - Women & Girls in Science

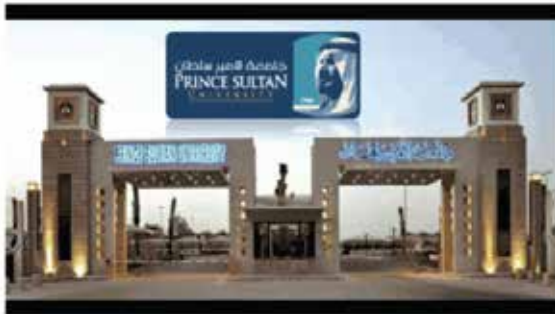
The WGiS Day mission aimed at exposing female students and faculty' products, prototypes and research projects to the community for women's role in STEM. To support this mission, we focus on increasing the diversity in the pool of STEM experts by concentrating on women experts in fields such as data science, artificial intelligence, digital technologies, cybersecurity, mathematics, general sciences etc. This exhibition was useful for academics, researchers, undergraduate and postgraduate students. The event was outstanding with huge support & participation.



CCIS DATA SCIENCE CLUB AIDA PRINCE SULTAN UNIVERSITY

STEM Exhibition Day
Artificial Intelligence & Data Analytics (AIDA) Lab

Data Science Club
Women in STEM: Change the World!
Sunday, 12th Feb, 2023 9:00 AM- 2:00 PM



Data Science Club under the supervision of Artificial Intelligence and Data Analytics (AIDA) Lab at Prince Sultan University, Riyadh, KSA is pleased to invite you to the STEM Exhibition Day (Sunday, 12th Feb, 2023 / 09:00 AM - 02:00 PM) aligned to Women & Girls in Science Day.

The WGiS Day mission is aimed at exposing the products, prototypes and research projects of the female students and faculty to the community for the women's role in STEM. To support this mission, we focus on increasing the diversity in the pool of STEM experts by concentrating on women experts in fields such as data science, artificial intelligence, digital technologies ,cybersecurity, mathematics, general sciences etc.

This exhibition will be useful for academics, researchers , undergraduate and postgraduate students. We look forward to seeing you at this outstanding event.

Special prizes and certificates will be awarded to the winners. All participants will get the certificates.

Join us to support gender equity in STEM!

Finally, my team and I will do everything we can to support women's advancement in science and innovation, as well as to empower girls to be agents of change!



STEM Exhibition Day
Artificial Intelligence & Data Analytics (AIDA) Lab
Data Science Club

**Women in STEM:
Change the World!**

النساء في العلوم والتكنولوجيا والهندسة والرياضيات
غيري العالم

Sunday, 12th Feb, 2023
9:00 AM- 2:00 PM



The exhibition has 3 submission categories:

- Tangible Product Project
- Prototype
- Research based project

Join us to support gender equity in STEM!
انضم إلينا لدعم المساواة بين الجنسين في STEM

For any assistance, feel free to contact
aidalab@psu.edu.sa





AIDA
Artificial Intelligence
& Data Analytics Lab

جامعة الامير سلطان
PRINCE SULTAN
UNIVERSITY

**PSU WiDS
Next Gen 2023
Data Science for Schools**

مؤتمر المرأة في علم البيانات
الجيل القادم 2023م
علم البيانات في المدارس

**ورش عمل
WORKSHOPS**

Thursday
2nd Feb 2022
8:00am-1:00pm

MATH DAY
The Magic and Beauty of Math

TECH DAY
1- Be Cyber Smart
2- AI with MIT APP Inventor

**مسابقة المدارس
Schools Competition**

Thursday
9th Feb 2022
8:00am-1:00pm



For more details visit
www.psu.edu.sa

PSU WiDS Next Gen Program 2023

WiDS Next Gen strives to inspire secondary female students to take relevant courses and consider future careers involving data science, Artificial Intelligence (AI), and other related areas. We particularly encourage younger women and girls to consider these STEM fields by showing examples of successful women in technology roles. In addition, we strive to impress on all students that diversity and inclusion are extremely important. WiDS Next Gen emphasizes real-world applications and data science's societal and environmental impact.

International Day of Women & Girls in Science, Feb. 12, 2023

Education is an essential tool to empower women & girls to gain confidence and achieve economic stability and success. Today's digital era has been largely defined by technological advancements, where access to technology is essential to anyone's educational and economic success. Due to the fastest-growing technical advancement in jobs, STEM needs women.



PSU Takes a Progressive Step to Support Female Faculty, Staff, and Students by Enhancing Childcare Facilities



In a progressive move aimed at supporting female faculty members, staff and students, Prince Sultan University implemented a set of initiatives on its campus to enhance childcare facilities. These measures reflect the institution's commitment to gender equality and providing comprehensive support to members of its community. In this regard, the university has implemented some initiatives to support women on campus. One such initiative is the establishment of a dedicated breastfeeding area. PSU highlights the importance of maintaining a consistent and healthy feeding routine for infants, supports the overall well-being of both mothers and children. It is worth noting that PSU approves a one-hour workload release per day for all female staff who have infants under the age of two.

Educational Enhancement Unit (EEU)

The Educational Enhancement Unit (EEU) is committed to the ideal that all students should have the opportunity to participate fully in all university activities. To this end, it will cooperate with departments and management to ensure that all appropriate facilities are available to accommodate all individual needs. Two of the Unit's pivotal services are the hotline service; which has been in operation since 2017, and Student Counseling which was established in 2010: both services have helped in providing guidance to students and helped them overcome some of their difficulties. In 2022, the Educational Enhancement Unit served 60 female and 24 male students.



عمادة شؤون الطلاب
Deanship of Student Affairs

جامعة الامير سلطان
PRINCE SULTAN
UNIVERSITY

وحدة
تعزير التعلم
الاندماج و الالتزام والتنوع

**EDUCATIONAL ENHANCEMENT
Unit**

INCLUSION with DIVERSITY



The Educational Enhancement Unit exists to ensure that all students are given the opportunity to fulfil their potential regardless of disability. This is achieved by cooperation with colleges/departments to ensure that all individual needs are accommodated.

نحرص وحدة تعزيز التعلم من معجزة شؤون الطلاب لمناصرة احتياجات طلاب وطالبات الجامعة المختلفة وتضيق الدعم والمساعدة لهم، كما نعمل الوحدة بالاطلاع ذوي الاحتياجات الخاصة (ذوي الاماقة، صرط الحركة، الاكفان، الخ....).

DIRECT CONTACT

You can make direct contact through this email

EEU@psu.edu.sa

For Registration

التواصل مباشرة

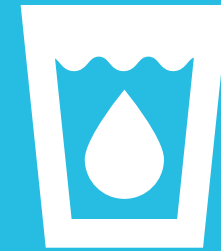
يمكنك التواصل معنا من خلال البريد الالكتروني للوحدة

EEU@psu.edu.sa

التسجيل

نحن لماماً ان المعلومات المتعلقة بالظروف الصحية والنفسية ستبقى سرية للغاية

Confidentiality
you can be sure that information about personal conditions (for example, ADHD or anxiety) will be kept strictly confidential



Clean Water and Sanitation

CLEAN WATER AND SANITATION

Prince Sultan University is conscious of the need to focus its efforts on water conservation in a region with a scarce supply of water. To this end, PSU signed an agreement with the National Water Company (NWC) to minimize water usage on campus. The agreement promotes conscious water usage on campus with regards to no water wastage and landscaping.

In addition, PSU ensures that proactive maintenance takes place on all its water facilities to avoid the leaks and other forms of water loss. Ample provision of free drinking water is made on campus for students, staff, faculty and outsourced staff through available water fountains and drinking water stations. These are equipped with reusable water bottles to reduce the use of single-use plastic bottles across campus.

PSU has collaborated with a commercial water firm, Aquafina, to draw attention to conservation of water and promote recycling on campus via the Aquafina plastic water bottle recycling stations.

برادات مياه الشرب المعبأة

عزيزاتي منسوبات الجامعة الكريمت،،
نفيدكم بأن توفير برادات مياه الشرب المعبأة
هي من الخدمات المقدمة من قبلنا، عند وجود
أي ملاحظات عليها نأمل التواصل معنا.
شاكرين ومقدرين تعاونكم،،

بارد حار

Dear PSU members,
We would like to inform you that providing water dispensers is one of our services. Therefore, if there is any comment regarding them, please contact us.
Thank you & Regards,



بيئتنا منا وفيها
وحقها علينا
نصونها



أكوافينا



أعد التدوير من أجل
السعودية



نادي التسويق PSU Marketing Club
جامعة الامير سلطان
PRINCE SULTAN UNIVERSITY



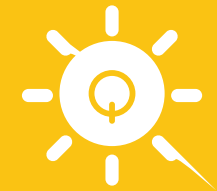
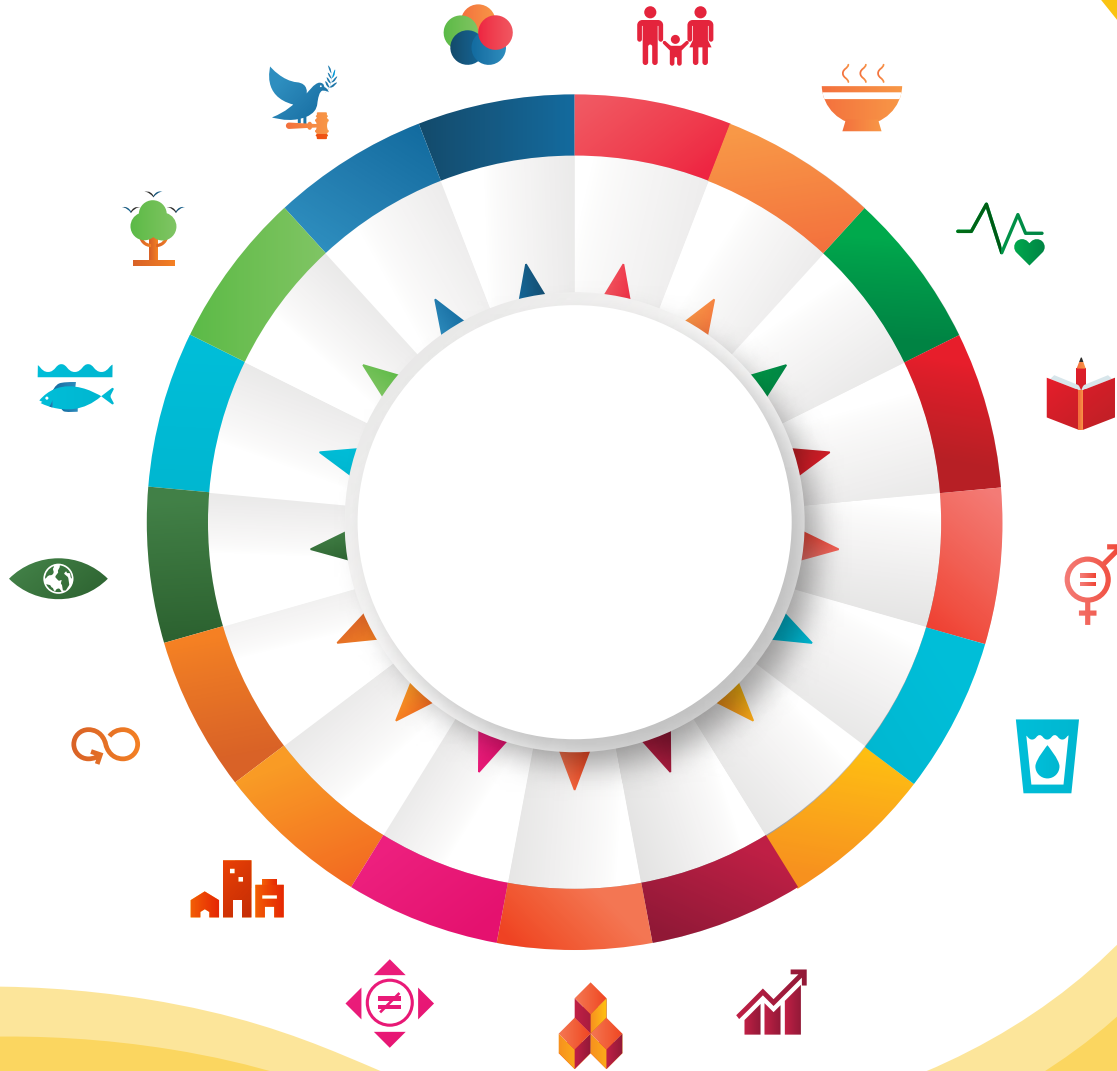
بيئتنا منا وفيها
وحقها علينا
نصونها



أكوافينا



أعد التدوير من أجل
السعودية



Affordable and Clean Energy

AFFORDABLE AND CLEAN ENERGY

SDG 7, an integral component of the United Nations' Sustainable Development Agenda, stands as a guiding beacon in Prince Sultan University (PSU) collective mission to ensure equitable access to affordable, reliable, sustainable, and modern energy for all. As a dedicated institution that nurtures innovation and progress, PSU acknowledges the crucial significance of sustainable energy in shaping the future. PSU's commitment to this goal aligns with our dedication to empowering not only our students but also the broader community with the knowledge and tools needed to navigate the complexities of energy sustainability. PSU is committed to SDG 7, actively participating in sustainable energy projects and educational programs that contribute to a greener and more accessible energy future.

Upgrade buildings to higher energy efficiency

HAALA Energy initiated the PSU Solar PV Project in Riyadh, Saudi Arabia, with the goal of upgrading existing university buildings to achieve higher energy efficiency. This multifaceted project involves the installation of a solar photovoltaic system, comprehensive energy audits, and the incorporation of cutting-edge energy-efficient technologies, including LED lighting, enhanced insulation, and optimized HVAC systems. By reducing energy consumption and carbon emissions, the project not only contributes to environmental sustainability but also yields substantial long-term economic savings, aligning with international sustainability objectives and setting a commendable example for similar initiatives globally. HAALA Energy, with a keen eye on sustainability, embarked on a comprehensive study to assess the feasibility of implementing solar photovoltaic (PV) technology to power 5 Building on the PSU campus. The investigation delved into several potential locations, encompassing the rooftops of buildings 1 to 5 and the campus parking areas. After careful analysis, it became evident that the car-port solutions stood out as the most compelling option. These solar carports not only harnessed abundant sunlight but also proved to be cost-effective with the lowest installation and maintenance expenses. HAALA's commitment to renewable energy and forward-thinking approach paved the way for a greener and more eco-friendly future on campus.



Plan to reduce energy consumption

In the fall of 2021, an initiative was launched by PSU to initiate a feasibility study on the implementation of smart building designs. This project received strong institutional support from both the Information Technology Center (ITC) and the Project Management Office (PMO). The study aims to assess the practicality and viability of incorporating smart technologies into building infrastructure, potentially leading to more efficient and sustainable structures. It reflects a forward-looking approach to modernizing building design and aligning it with evolving technological advancements.

A comprehensive energy efficiency plan has been established for the Building 101 and 104, and the associated electrical systems at Prince Sultan University. The project aims to reduce overall energy consumption, primarily focusing on the 1000 KVA and 1500 KVA transformers within these rooms. The specific characteristics of the electrical components, such as voltage, phase, and frequency, have been considered in the plan. The energy efficiency initiative encompasses geographical site data, time-defined simulations, meteorological conditions, and PV array characteristics. These measures align with the university's commitment to sustainability and energy conservation, contributing to a greener and more efficient energy ecosystem within the institution.

Energy wastage identification

PSU is working to save energy by checking its campus, including buildings 101 and 104. They want to find places where they waste a lot of energy and fix them.

PSU plans to use electricity more efficiently to save energy and money. This matches PSU's goal to be more eco-friendly and cost-effective. Also, PSU has rules to make sure they don't waste energy stuff and use energy wisely, showing their commitment to a green and sustainable campus. Additionally, PSU has adopted a Sustainable Waste Management, Prevention, and Disposal Policy, which emphasizes minimizing waste, using proper disposal channels, and adhering to energy efficiency standards, further highlighting the institution's commitment to a sustainable and eco-friendly campus.

Divestment policy

PSU has established a Sustainable Investment Policy (SIP) to guide responsible and sustainable investment practices. The SIP promotes active investment in companies and funds aligned with PSU's values, emphasizing environmental, social, and governance (ESG) criteria. PSU has divested from fossil fuels, contributing to the UN Sustainable Development Goals. Implementation includes monitoring and communication, overseen by the Institutional Financial and Risk Management Committee. PSU also has a Sustainable Procurement Policy, recognizing the impact of procurement on sustainability. It encourages sustainable purchasing, supplier compliance with ESG standards, and sustainability risk assessments. Implementation involves regular reviews and oversight by the same committee. Both policies reflect PSU's commitment to sustainable and responsible practices



Energy use density

The energy use density at PSU stands at 173 kWh per square meter per year, resulting in a total annual energy consumption of 15.9 GWh. The university's vast floor space, totalling 92,016 square meters, spans across various buildings, including B101, B102, B103, B104, B105, and B106. Individual buildings exhibit an average energy use density of approximately 173 kWh per square meter per year, resulting in varying annual energy consumptions. B101, as one of the largest contributors, consumes around 7.79 GWh, while B105 closely follows at 3.44 GWh. B102, B104, and B106 each consume about 1.28 GWh, 1.6 GWh, and 1.08 GWh, respectively, while B103 has the lowest consumption at 0.72 GWh. These numbers highlight the importance of custom energy-saving plans for each building, especially B101 and B105, which use the most energy. By doing this, the university can use less energy overall and be more efficient. These figures reflect PSU's energy utilization and provide a basis for assessing energy efficiency measures within the campus.



Local community outreach for energy efficiency

Prince Sultan University in Saudi Arabia is committed to producing research that supports sustainability, from architecture to renewable energy. At Prince Sultan University (PSU), the entire institution is prioritising progress towards the United Nations' Sustainable Development Goals. By working with local communities and global networks, PSU is producing sustainable solutions to tackle the greatest challenges facing the world.





Solar pv based speed control of DC motor using arduino for fan and pump applications

On November 7, 2022, a project emerged from the Department of Electrical Engineering at Prince Sultan University, in alignment with the Saudi Vision 2030. Students Abdul Rahman Al-Zeer, Talal Al-Sharif, and Abdulah Al-Yemeni, guided by Dr. Uma Shankar and Eng. Sivakumar, successfully completed a project centered around the operation and speed control of a DC motor powered by solar energy. This DC motor finds application in a wide range of areas, including electric vehicles, household appliances, pumps, and refrigeration systems. The project has dual objectives: first, to reduce greenhouse gas emissions and, second, to contribute to Saudi Arabia's liquid fuel displacement program. This project not only resonates with the Saudi Vision 2030 but also aligns with the United Nations Sustainable Development Goals for 2030, specifically targeting SDG 7. The solar panel used in this project delivers a voltage of 24 volts and a maximum current of 1.5 amps, providing the necessary power to drive the DC motor at its maximum speed, equivalent to 36 watts. This endeavor serves as a valuable platform for enhancing students' skills in sustainable technology and equips them with the necessary knowledge to work towards future sustainability goals both within Saudi Arabia and on a global scale. It exemplifies a significant step towards a more sustainable and environmentally friendly future.

Conferences

The International Conference on Sustainability Developments and Innovations (ICSDI 2022), held at PSU in Riyadh, Saudi Arabia from February 19 to 22, 2022, was a remarkable event that brought together scholars, experts, and innovators to explore and exchange ideas on sustainability. The conference covered a wide range of tracks and topics, including Manufacturing and Industrial Systems towards Sustainability, Sustainable Construction Technologies and Materials, Energy Sustainability, Sustainable Urbanization and Smart Cities, Sustainability in the Built Environment, and Policies, Regulations, and Economic Assessments towards Sustainable Development Goals (SDG).



SmartTech 2022 An International Conference on Smart Systems and Emerging Technologies

On May 9, 2022, SmartTech 2022, the Second International Conference on Smart Systems and Emerging Technologies, took place. This conference served as a crucial platform for the exchange of cutting-edge research and developments across various domains, including Artificial Intelligence, Internet of Things, Emerging Technologies, Unmanned Systems, Communication and Networking, and Cybersecurity. It focused on aligning these advancements with the technological progress envisioned in Saudi Arabia's Vision 2030. SmartTech 2022 aimed to foster innovation and knowledge sharing in line with the ambitious goals of the Kingdom's vision for the future.



Solar Car Design Contest conducted in collaboration with the Sustainability club



Hands-on training on “Hybrid AC-DC Microgrid system for renewable energy applications” during 12th – 16th February, 2023 by Eco-sense sustainable pvt ltd, India.



Andrew Peck
Founder

1435 Bedford Ave
Pittsburgh, PA, 15219
vaulte-us.com
andyp@vaulte-us.com
973-641-4792

Clean energy. All the time.

THE GLOBAL GREEN UTILITY TO EXPORT THE WORLD'S FIRST -48VOLT DIGITAL DIRECT CURRENT MICROGRID

The seminar will be about a university and a small boutique technology company forming The Global Green Utility to export the world's first 48-volt digital current microgrid.



Andy Peck
FOUNDER & CHIEF EXECUTIVE OFFICER

Andy brings more than 25 years of business experience in the retail store fixture and point of purchase display industries to VAULTe. As founder and CEO of APEC Display, he worked with major national account retailers including Bed, Bath & Beyond, Burlington Coat Factory, and The Finish Line. His knowledge and creative vision for brick & mortar has enabled VAULTe to engineer state-of-the-art technology to greatly enhance the customer experience. Andy has a degree from the Institute of Metrology and Instrumentation.



CE | THE GLOBAL GREEN UTILITY | VAULTe GLOBAL

Tuesday
22
November
2022
12:00 to 01:00 PM

Venue: Auditorium, Second Floor, Building No. 105.

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PSU_RUH | PSU_RUH | PSU_RUH | PSUofficial



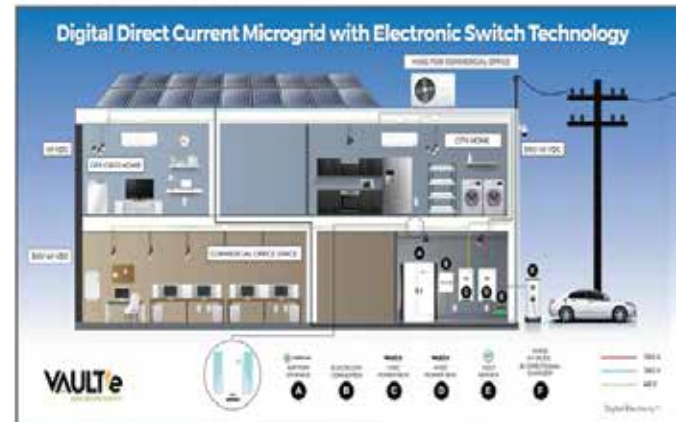
VAULTe -GLOBAL, in Partnership with Prince Sultan University, Proudly Presents



Low Voltage Technology for Export to All Communities of the World

Our 48 VDC Microgrid Shipping Today to Prince Sultan University.

Next Stop: Botswana International University of Science and Technology





INDEPENDENT POWER SERIES

The Independent series configuration(s) are ideal to bring power to where your options are limited. This is a "Do-it-Yourself" opportunity and includes a wide selection of load accessories such as refrigerators and lighting.

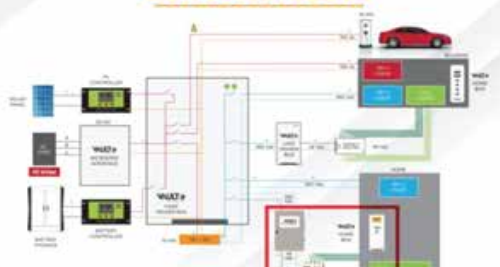
- 12 VOLT BATTERY • PV PANEL 545 WATTS • 500' OF 16/2 CABLE • 500' OF 12/2 CABLE
- LED BULB, 9 WATTS, USB • CAMPING REFRIGERATOR • 2' X 4' OFFICE LIGHT
- COMMERCIAL CEILING FAN • TELEVISION 32" • FREE STANDING FAN • COUNTER FAN
- OUTDOOR LIGHT • INDOOR STRIP LIGHT 9 WTS • INDOOR TABLE LAMP
- CAMPING REFRIGERATOR • LED BULB, 9 WATTS, USB • CAMPING REFRIGERATOR



COMMUNITIES



OUR TECHNOLOGY



Written and edited by a team of renowned experts, this exciting new volume explores the concepts and practical applications of power electronics for green energy conversion, going into great detail with simple examples, for the engineer, scientist, or student.

Power electronics has emerged as one of the most important technologies in the world and will play a big role in the conversion of the present power grid systems into smart grids. Applications like HVDC systems, FACTS devices, uninterruptible power systems, and renewable energy systems stand to see advances in power electronic devices and control systems. Further, the need for renewable energy continues to grow, and the complete depletion of fossil fuels and nuclear energy is not unrealistic thanks to power electronics. Therefore, the increasingly more important role of power electronics in the power sector industry remains prominent.

This groundbreaking new volume aims to cover these topics and trends of power electronics conversion, bridging the research gap on green energy conversion, system architectures, controls, and protective challenges to enable their wide-scale implementation. Covering not only the concepts of all of these topics, the authors and contributors describe real-world implementation of these ideas and how they can be used for practical applications. Whether for the engineer, scientist, researcher, or student, the outstanding contributions in this volume is a must-have for any library.

M. S. Bhaskar, PhD, is with the Renewable Energy Lab, in the Department of Communications and Networks Engineering at the College of Engineering, Prince Sultan University, Riyadh, Saudi Arabia. After receiving his PhD in electrical and electronic engineering from the University of Johannesburg, South Africa in 2010, he is a post-doctoral researcher in the Department of Energy Technology, Aalborg University, Aalborg, Denmark. He has several years of research experience from several universities, and he has authored over 100 scientific papers in the area of DC-AC power, receiving several awards, as well. He is a member of a number of scientific societies and is a reviewer for several technical journals and conferences, including IEEE and IET.

Nikita Gupta, PhD, is a professor in the Department of Electrical Engineering, University Institute of Technology, Hanshal Pradesh University, India. She received her B.Tech degree in electrical and electronics engineering from the National Institute of Technology, Hyderabad, India in 2011 and M.Tech degree in power systems from Delhi Technological University, Delhi, India in 2018. She earned her PhD from the Department of Electrical Engineering at Delhi Technological University, Delhi, India, in 2014. Her research interests include power system analysis, power quality, power electronics applications in renewable energy, and microgrid.

Sanjeevikumar Padmanaban, PhD, is a faculty member with the Department of Energy Technology, Aalborg University, Aalborg, Denmark and works with CTR (Clean Tech) Center, Department of Business Development and Technology, Aarhus University, Denmark. He received his PhD in electrical engineering from the University of Bologna, Italy. He has almost ten years of teaching, research and industrial experience and is an associate editor in a number of international scientific journals and conferences. He has published more than 50 research papers and has won national awards for his research and teaching.

Jens Bo Holm-Nielsen currently works at the Department of Energy Technology, Aalborg University and is head of the Energy Storage Section. He helped establish the Center for Biomass and Green Engineering in 2009 and served as the head of the research group. He has served as technical advisor for many companies in the industry, and he has executed many large-scale European Union and United Nation projects. He has authored more than 100 scientific papers and has participated in over 300 various international conferences.

Umashankar Subramaniam, PhD, is at Renewable Energy Lab, College of Engineering, Prince Sultan University, Saudi Arabia and has over 15 years of teaching, research and industrial R&D experience. He has published more than 150 research papers in scientific and technical journals and conferences. He has also authored, co-authored, or contributed to 12 books, including books for Springer Publishing. He is an editor of a highly-respected technical journal, and he has won several awards in the field.

Cover design by Russell Richardson
Front cover images supplied by Pixabay.com

BHASKAR ET AL.

POWER ELECTRONICS for GREEN ENERGY CONVERSION

POWER ELECTRONICS FOR GREEN ENERGY CONVERSION

Edited By
Mahajan Sagar Bhaskar
Nikita Gupta
Sanjeevikumar Padmanaban
Jens Bo Holm-Nielsen
Umashankar Subramaniam

WILEY

Scriver Publishing

WILEY



C. V. Raman Global University
ODISHA BHUBANESWAR INDIA

AICTE
All India Council for Technical Education

IEEE
STUDENT BRANCH, CGU-ODISHA

INVITED TALK ON

Non-Isolated High Gain Converters for Renewable Energy Conversion Configuration and Application

A MARGDARSHAN INITIATIVE

Tuesday, 27 September
3.30 PM - 5 PM

Dr. Mahajan Sagar Bhaskar,
Asst. Professor, Renewable Energy Lab,
Dept. of Communications and Networks Engg.,
College of Engineering, Prince Sultan University, Riyadh, Saudi Arabia.

Link of registration :
<https://forms.gle/iu1qayUGEUVuytGp6>

ORGANISED BY:
DEPARTMENT OF ELECTRICAL ENGINEERING,
C V RAMAN GLOBAL UNIVERSITY

List of university's achievements to the SDG



International Webinar on Recent developments in high voltage transmission and Capabilities of GCC Electrical Testing Laboratory



DR. VASUDEV NAGARAJU

GCC Electrical Testing Laboratory will be a world class Electrical Product Testing and Services Hub in the GCC and MENA region, independent authority for testing and certifying High-Voltage, Medium-Voltage and Low-Voltage electrical equipment. Act as a third party for failure investigations and arbitration, provide Low Voltage calibration services for electrical equipment and testing tools and certification courses for engineers and technicians.

TECHNICAL CONSULTANT
GCC ELECTRICAL TESTING
LABORATORY, KSA
ADDITIONAL DIRECTOR
(Rtd) at CPRI



Date: 29th March, 2022
Time: 4:30 PM (KSA)



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Dr. Dhafer Almakhlis, dalmakhlis@psu.edu.sa
Eng. Sivakumar Selvam, sselvam@psu.edu.sa



Scan for
Registration



International Webinar on Role of Battery Energy Storage Systems in Energy Transition From Fossil Fuels to Renewables



Eng. Sivakumar
Business Head at POWER
PROJECTS, Chennai,
Tamilnadu, India

Power System is in transition from fossil fuel to renewables for environmental and economic reasons. This Transition results in many challenges to power system design and operation. Frequency regulation, Voltage regulation, Generator ramp up / down requirements, Fault withstand capability, Rigidity of the grid, Protection are few key impacts. There are many barriers alone projects are aimed across the world and in such cases the intensity challenges is extremely high. Energy Storage is the best possible option to resolve the issues and selecting the right type of energy storage is the key. Though there are many energy storage options available Battery energy storage system looks technically feasible and commercially viable at this stage. The session address the key challenges along with solution by fresh Battery Energy Storage. Session also brings out few real time case study outcome and highlight the simulation requirements at the early stage of the projects to choose the optimal sizing and configuration of BESS.

Date: 3rd March, 2022
Time: 4:30 PM (KSA)



Contact:
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Dr. Umashankar Subramaniam, usubramaniam@psu.edu.sa
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Registration



ICSDI 2022

INTERNATIONAL CONFERENCE ON SUSTAINABILITY: DEVELOPMENTS AND INNOVATIONS

February 19 - 22, 2022 - Riyadh, KSA



ICSDI 2022

INTERNATIONAL CONFERENCE ON SUSTAINABILITY DEVELOPMENTS AND INNOVATIONS

19-22 FEBRUARY 2022 PRINCE SULTAN UNIVERSITY
RIYADH, SAUDI ARABIA



Invited talk - Special session



Annual Conference of the IEEE Industrial Electronics Society (IECON 2022)

Special Session on

"Power Electronics and Energy Storage Strategies for DC Microgrid"

Mahajan Sagar Bhaskar (sagar25.mahajan@gmail.com, smahajan@psu.edu.sa)
Renewable Energy Lab, Prince Sultan University, Riyadh, Saudi Arabia.

Dhafer Almakhles (dalmakhles@psu.edu.sa)
Renewable Energy Lab, Prince Sultan University, Riyadh, Saudi Arabia.

Padmanaban Sanjeevikumar (sanjeevi_12@yahoo.co.in)
KPR Institute of Engineering and Technology, Tamilnadu, India.
CTIF Global Capsule, Aarhus University, Denmark.

Call for Papers

Power Electronics (PE) configurations have grown in popularity in various renewable systems, particularly in Microgrid systems. Various PE Converters have been installed in several countries, and the growing renewables and energy storage industries have resulted in the development of dependable systems based on a variety of power electronics technologies. PE research in the present day has focused on the advancement of more energy-efficient, dependable, cheaper, appropriate, high voltage and current characteristics, and device reduction for DC Microgrid. This special session aims to bring the current growth in power electronics configurations for eco-friendly and power storage modern technologies, in terms of power electronics devices and circuits, into a common platform.

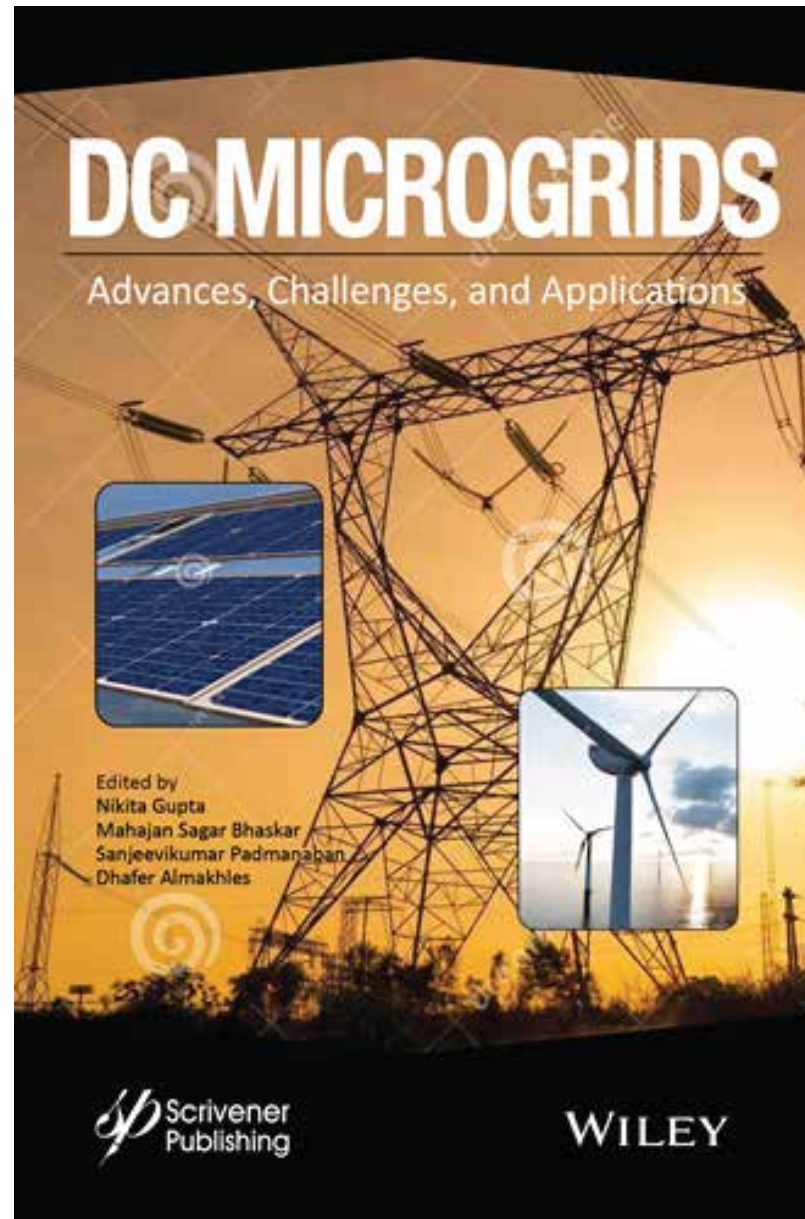
Topics of interest include, but are not limited to:

- 1 DC-DC, DC-AC, AC-AC, and AC-DC Converters for DC Microgrid.
- 2 Power Electronics control for DC Microgrid.
- 3 Energy Storage Strategy for DC Microgrid.
- 6 High-Frequency Converters- topology, control for DC Microgrid.
- 7 Hybrid Multilevel-, Switched capacitor-, Z Source-based Converters, etc for DC Microgrid.
- 8 Reliable and efficient DC Microgrid and system.
- 9 Analysis, Loss distribution, and modeling of DC Microgrid.

Sponsoring IES Technical Committee(s)

IEEE IES Power Electronics Technical Committee (PETC)

Good quality papers may be considered for publication in the IEEE Trans. on Industrial Electronics, subject to further rounds of review.



100% renewable energy pledge

On January 20, 2022, PSU marked a historic moment as the first Saudi university to commit to achieving Net Zero Carbon status by 2060. This official pledge was made through participation in the Race to Zero campaign, a global initiative uniting various stakeholders to drive a resilient, zero-carbon recovery that fosters job creation, future threat prevention, and sustainable growth. As part of the Race to Zero for Universities and Colleges campaign, in partnership with EAUC, Second Nature, and UN Environment, PSU solidified its position within the UNFCCC Race to Zero campaign. This powerful coalition includes over 3,000 businesses, 733 cities, 31 regions, 173 major investors, and 622 Higher Education Institutions, representing nearly 25% of global CO2 emissions and over 50% of the world's GDP. PSU's commitment to achieving Net Zero Carbon status reflects its dedication to sustainability and environmental leadership, positioning it as a pioneering force in addressing climate change in Saudi Arabia and globally. PSU is taking a significant step by committing to 100% renewable energy, aligning with global sustainability efforts. PSU's initiative not only sets an example but also contributes to a cleaner, more sustainable future. While PSU's commitment is vital on campus, its impact reaches beyond, serving as a model for others to embrace renewable energy and sustainability. This pledge is not just a reflection of PSU's responsibility but also an inspiration for a cleaner, greener world.

Prince Sultan University is the First Saudi University to Pledge Net Zero Carbon University by 2060

Official Race to Zero Signatory

We are part of the Race to Zero and are leading the education sector for a healthy and resilient zero carbon recovery in the lead up to COP26!



Race To Zero is a global campaign to rally leadership and support from businesses, regions, investors for a healthy, resilient, zero carbon recovery that prevents future threats, creates decent jobs, and unlocks inclusive, sustainable growth.

Institutions involved

1094

Students represented

10,634,957

RACE TO ZERO

Energy efficiency services for industry

In Dec. 2022, PSU took significant strides in fostering energy efficiency within the local industrial sector. PSU, in collaboration with Al Watania and the Center for Community Service and Continuing Education, actively participated in the annual ceremony of the Ambition Elite program, organized by the General Authority for Small and Medium Enterprises. This event showcased PSU's and Al Watania's commitment to supporting, developing, and nurturing small and medium enterprises in the Kingdom of Saudi Arabia. PSU's role in the event emphasized the importance of energy efficiency in the industrial sector, offering direct services such as energy efficiency assessments, workshops, and research into renewable energy options. These initiatives underline PSU's and Al Watania's dedication to enhancing energy efficiency and promoting clean energy practices within local industries, aligning with broader sustainability goals and contributing to a more environmentally responsible and economically efficient future.

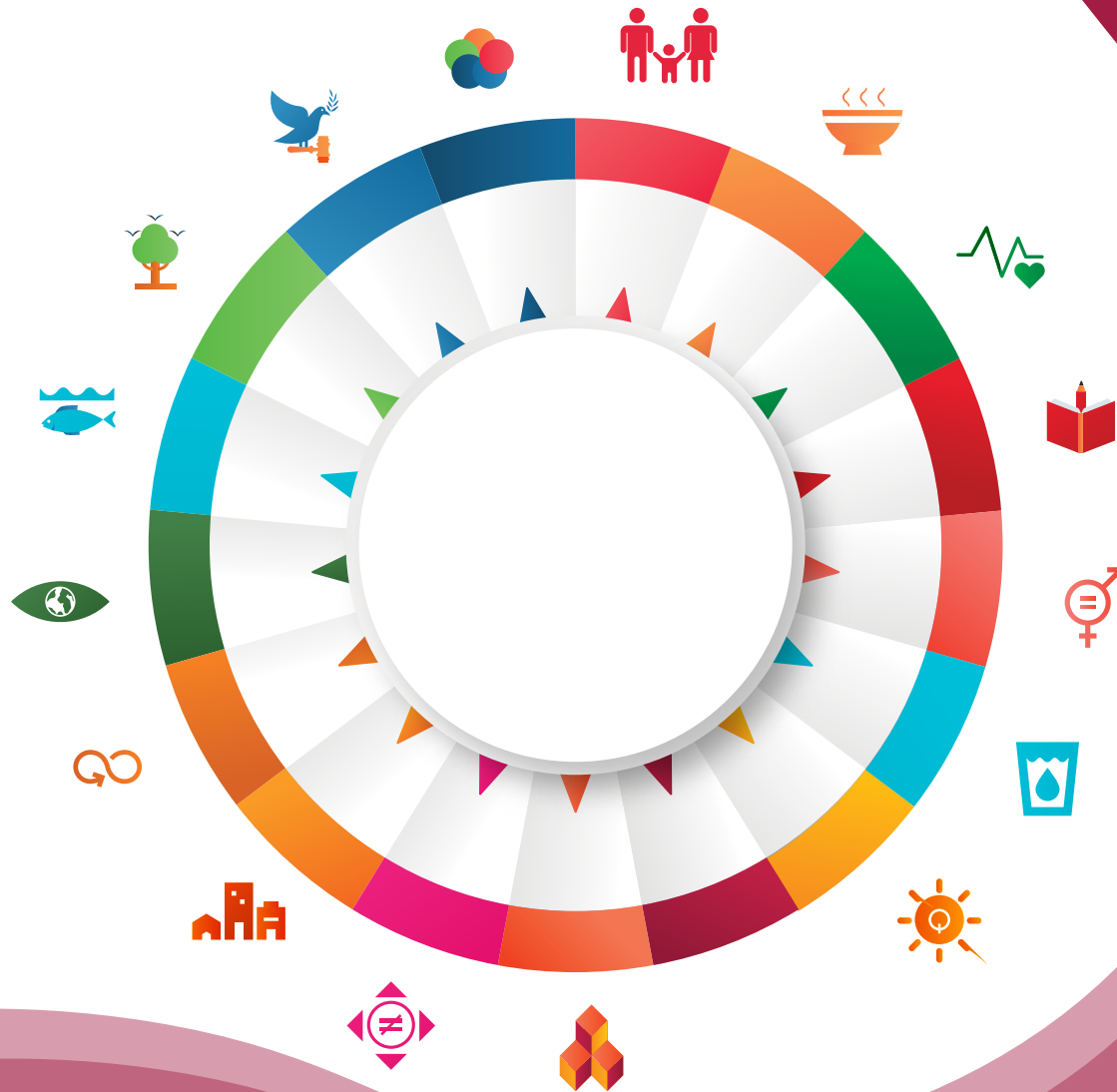
Policy development for clean energy technology

PSU is leading the way in supporting clean energy policies and smart investments. PSU's Sustainable Investment Policy (SIP) is all about making responsible investments following global best practices. This policy focuses on sustainable research, managing risks, and coming up with new ideas, especially in areas related to the environment and society. It's not just about making smart investments; it's also about doing good for the world and being careful about risks like following the rules and protecting our reputation. PSU is actively working to achieve the United Nations' goals for a better world, overseen by the Vice-President for Administrative and Financial Affairs Office. PSU is transparent, reviews its policies regularly, and makes sure everyone follows them, all to create a more sustainable and environmentally friendly future.

Assistance to low-carbon innovation

PSU is committed to fostering low-carbon innovation and supporting startups that drive a sustainable future. PSU's Center for Sustainability and Climate (CSC) plays a crucial role in promoting and assisting ventures focused on low-carbon economy and innovative technologies. By offering resources, guidance, and expertise, the CSC ensures that these startups have the necessary support to thrive. PSU's dedication to sustainability and innovation aligns with global efforts to combat climate change and create a greener, more sustainable world. To learn more about PSU's initiatives in this regard, please visit the CSC's website at <https://www.psu.edu.sa/en/CSC>





Decent Work and Economic Growth

DECENT WORK AND ECONOMIC GROWTH

PSU's unique strength in Jubilation office, which provides support to employee and ensures positive and joyful working environment

Equal pay for both male and female faculty members, and staff

348,415,614

University expenditure

334,051.40

Expenditure per employee

99.94%

Students in work placement

1043

Total number of employees

71.81%

Academic & non-academic staff employed for more than 24 months

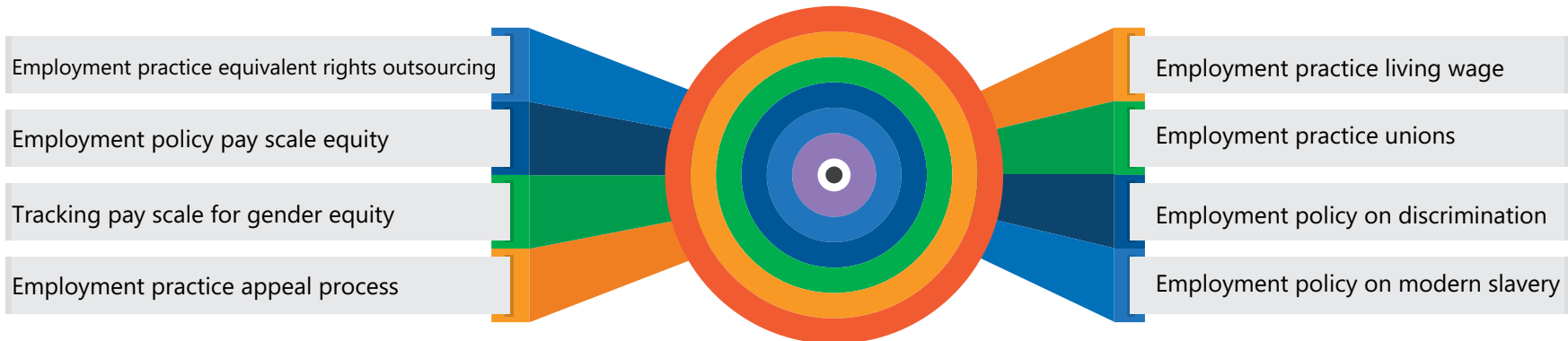
Zero-tolerance of any kind of discrimination or harassment

Reference: Academic Year - 2022

Employment Practices

The PSU employees fall in two categories: academic and non-academic. Both are considered as an important asset of PSU for providing quality teaching and learning and its support services. In alignment with its mission, PSU develops a healthy and competitive working environment attracting and retaining local and international qualified professionals, providing them opportunities to excel in their fields, and at the same time protecting their rights and interests.

PSU strictly abides by the Ministry of Human Resources and Social Development laws & regulations and offers decent labor wages more than the minimum slab established by the Saudi Arabia government, provide equal job opportunities to employees based on their professional ability and job experience and thereby eliminate unlawful discrimination with respect to gender, nationality, qualification, and other factors (Governing rules for faculty: article 76). PSU provides an environment for continuous learning by encouraging its faculty to excel in their field of study/work and appreciate them with numerous annual excellence awards. The Vice President for Administrative and Financial Affairs conducts regular meetings supported by the institutional committees to protect the labour rights and interests of employees in accordance with the Governing Rules and Regulations for Personnel and faculty.



Recognizing Employees demonstrates decent work environment @PSU

Prince Sultan university (PSU) recognize their employees through a variety of prestigious awards that acknowledge outstanding contributions in teaching, research, and administrative roles. These awards serve as a testament to the dedication and excellence of university employees, fostering a culture of continuous improvement and reinforcing the institution's commitment to quality education, research, and administration.

Teaching

Faculty members who demonstrate exceptional dedication, innovation, and effectiveness in the teaching and learning are honored annually with the two President's Distinguished Teaching Excellence and Digital Learning for Excellence awards. These accolades not only highlight the faculty's commitment to fostering student success but also encourage the continuous improvement of pedagogical practices.

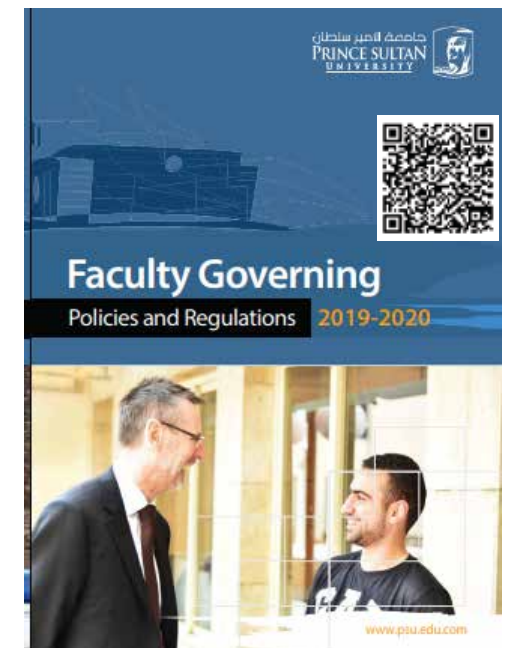
PSU grant awards to research scholars who make significant and impactful intellectual contributions to their respective disciplines to celebrate the faculty's contribution in quest for knowledge and the institution's commitment to advance scientific research.

Research

Administrative

Administrative staff who exhibit exceptional leadership, efficiency, and supporting service at PSU are recognized with awards for their invaluable service contributions

Personnel
Governing
Policies and
Regulations
2021



Employment practice living wage

PSU strictly adheres to the National regulations for staff and faculty living wages and pays them more than the expected minimum living wage defined by The Ministry of Human Resources in Saudi Arabia. Minimum wage (defined by Ministry) in Saudi Arabia is SAR 3000-4000. For employees of lowest rank, the monthly salary is at least SAR 6351, for faculty of lowest rank, the starting monthly salary is at least SAR 14600. This is in 100% compliance with the Saudi local living wage laws.



Employment practice living wage

In addition to that PSU offers other benefits including medical insurance (spouse & 4 children below 24 years of age), transport allowance, living allowance, round trip tickets (maximum 4: employee, spouse and 2 children below 18 years of age) for annual leave with paid annual (summer) vacation of two (2) months, plus 2 local paid holidays of about 15 days each (as applicable), tuition fees of Saudi Riyals 30,000 maximum for children attending school within the Kingdom, free, furnished accommodation plus essential utilities and maintenance subject to availability, or a housing allowance based on academic rank, and end-of-service yearly gratuity.

Saudi Arabia's Ministry of Human Resources has recently announced an increase to the monthly minimum wage (Article 89) for full-time Saudi workers in April 2021, and introduced a Labor Reform Initiative (LRI) scheduled to take effect on 14 Mar 2021. The monthly minimum living wage has been increased from SR 3000 to SAR 4,000 for purposes of calculating private sector employers' compliance with the Nitaqat program.



Minimum wages (in SAR)



4,000



Faculty

14,600

Staff

6,351

Salary Structure of The Faculty Members

| Academic Degree | Basic Salary | Transport Allowance | Living Allowance | Specialization Allowance 15% (For Saudis Only) | Social Allowance 15% (For Saudis Only) |
|--------------------------------|--------------|---------------------|------------------|--|--|
| Professor | 17000 | 600 | 2550 | 0 | 2550 |
| Associate Professor | 15000 | 600 | 2550 | 0 | 2250 |
| Assistant Professor | 13000 | 600 | 1950 | 0 | 1950 |
| Lecturer/ Research Assistant | 9000 | 600 | 1350 | 1350 | 1350 |
| Language Teacher | 8000 | 600 | 1200 | 0 | 0 |
| Instructor/ Research Assistant | 7000 | 600 | 1050 | 1050 | 1050 |



Employment practice unions

PSU recognises the labour rights (freedom of association) for its faculty members and administrative staff including women and expats, the international staff.



On 20 October 2020, Prince Sultan University's (PSU) Global SME Policy Network (GSPN) signed an agreement with the L20 (Labour 20 is one of the 6 outreach groups within G20) and Saudi National Committee of Workers Committees (SNC). PSU will contribute in undertaking research work on labour and employment in Saudi Arabia and globally through this knowledge partnership agreement. Both parties are required to initiate workshops, seminars, webinars and conferences on Employment and Labour at PSU Campus or virtually.




As per the latest ministerial resolution dated 26/08/2020 from the Ministry of Human Resource and Social Development, Trade unions do not apply in the Kingdom of Saudi Arabia. There is not a single trade in Saudi Arabia, as the law does not allow them to exist. Instead, the Minister of Human Resources and Social Development established the National Committee for Labor in the Kingdom on March 6, 2021. The Committee looks after the interests of all private and public workers in Saudi Arabia, and defends their rights and issues assigned to them by law, and in accordance with international conventions and standards ratified by the Kingdom of Saudi Arabia. They also help in spreading labor awareness and culture and achieving the principle of justice and equality among all company workers.




Employment policy on discrimination

Prince Sultan University PSU
Policy Management System
Anti-Discrimination Policy

| | |
|-------------------------|--|
| Policy Code: | GV0007 |
| Policy Name: | Anti-Discrimination Policy |
| Handler: | PSU President |
| Date Created: | 15 August 2020 |
| Date of Current Review: | 01 November 2022 <small>(Click to see previous review dates)</small> |
| Approved by: | University Council  |
| Date of Approval: | 02/09/2020 |

Employment policy on modern slavery

Prince Sultan University PSU
Policy Management System
Policy against modern slavery, forced labor, human trafficking, and child labor

| | |
|-------------------------|--|
| Policy Code: | GV0009 |
| Policy Name: | Policy against modern slavery, forced labor, human trafficking, and child labor |
| Handler: | Human Resources Department |
| Date Created: | 15 July 2020 |
| Date of Current Review: | 19 December 2022 <small>(Click to see previous review dates)</small> |
| Approved by: | University President  |
| Date of Approval: | |

Employment practice equivalent rights outsourcing

PSU is committed to provide equal rights and opportunity to the outsourced staff (temporary and on contract). The university makes sure that all employees (faculty and staff) understand the outsourcing work rights, rules and regulations.



Temporary employee shall receive a remuneration corresponding to his qualifications, experiences, and the nature of the tasks, in addition to the travel expenses from place of residence to the workplace and back (P. 33).



The contract with the temporary employee shall specify the other benefits provided to the employee such as medical treatment and leaves (P. 33).



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. There is a dedicated policy on Gender Equality: Prince Sultan University is an equal-opportunity institute that strongly prohibits all forms of discrimination based on gender, race, ethnicity, religion, nationality, or disability. Prince Sultan University is an equal-opportunity institute that strongly prohibits all forms of discrimination based on gender, race, ethnicity, religion, nationality, or disability. Moreover, PSU always gives equal opportunities to men and women employees in shaping policies, governance, and decision-making processes. Men and women often bring different perspectives and experiences, enhancing decision-making and leading to a better work environment. PSU employees are given opportunities to participate in institutional committees and various other committees at the college and department level based on their skills, qualifications, and expertise, advocating gender equity.

Article
(30)

In addition PSU strictly adheres to Article (30) in Faculty Governing Policy and Regulations Booklet 2019: The Salary structure is the same for both genders and both Saudis and non-Saudis who work on full-time bases.

Article
(31)

The salary scale... shall apply to all employees working at the University on full time basis, other than the faculty members, in accordance with its applicability

Tracking pay scale for gender equity

Maintaining equity in all aspects of the staff experience is of huge importance at PSU. This is perhaps more true of salaries than any other aspect. Salaries are governed at PSU by a transparent and public scale that does not discriminate on the basis of race, nationality, gender or any other factor. This is outlined in university publications such as the Faculty Governing Policies and Regulation 2019 and the Personnel Governing Policies and Regulations and followed through when the recruitment office under the Office of the President prepares and sends out job offers. Prince Sultan University is an equal-opportunity institute that strongly prohibits all forms of discrimination based on gender, race, ethnicity, religion, nationality, or disability.

Employment practice appeal process

Prince Sultan University has established a clear mechanism and process for employees to appeal on their pay or any other right. All employees at Prince Sultan University access the right to a workplace free of harassment and discrimination. PSU first and foremost attempts to ensure such a workplace, while simultaneously acknowledging that certain cases are unavoidable. As such, PSU offers its employees a comprehensive set of policies and procedures that offer mechanisms for employees to raise grievances, including for pay through the channels leading all the way up to the president of the university.

Article
(70)

The faculty member may raise a grievance to the University Rector in writing within one month from the date of notifying him/her of the committee's decision.

Article
(117)

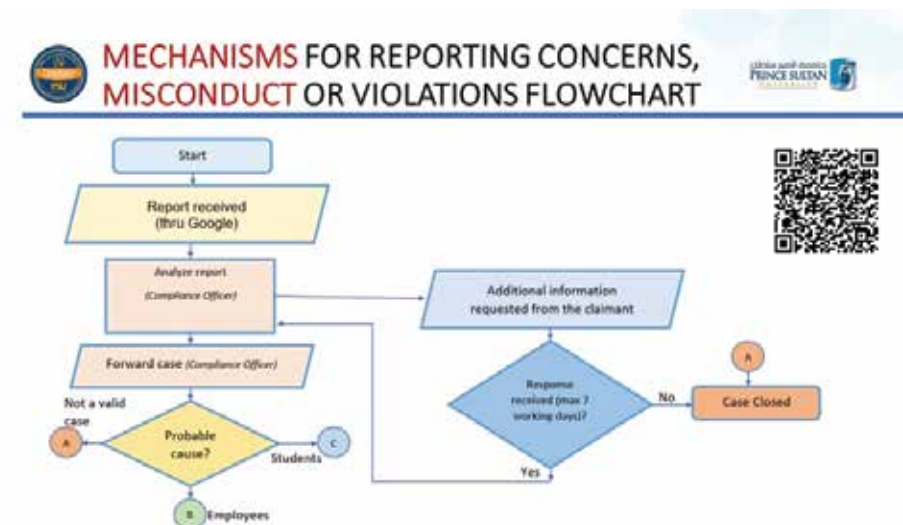
Without prejudice to the right of the employee to resort to specialized administrative or judicial authorities, the employee shall have the right to file grievance to the University President for any action or procedure taken against him. The employee shall file his grievance to the University administration within two weeks of his

Article
(118)

The Employee shall be informed of the outcome of his grievance within a maximum period of one week from the date of filing his grievance.

Mechanism for reporting concerns, misconduct or violations

Prince Sultan University - Compliance Office encourages its internal (faculty members, staff, and students) and external (parents, alumni, and employers) stakeholders to report concerns, misbehavior or abuses of the PSU's Code of Ethics and/or other related policies.



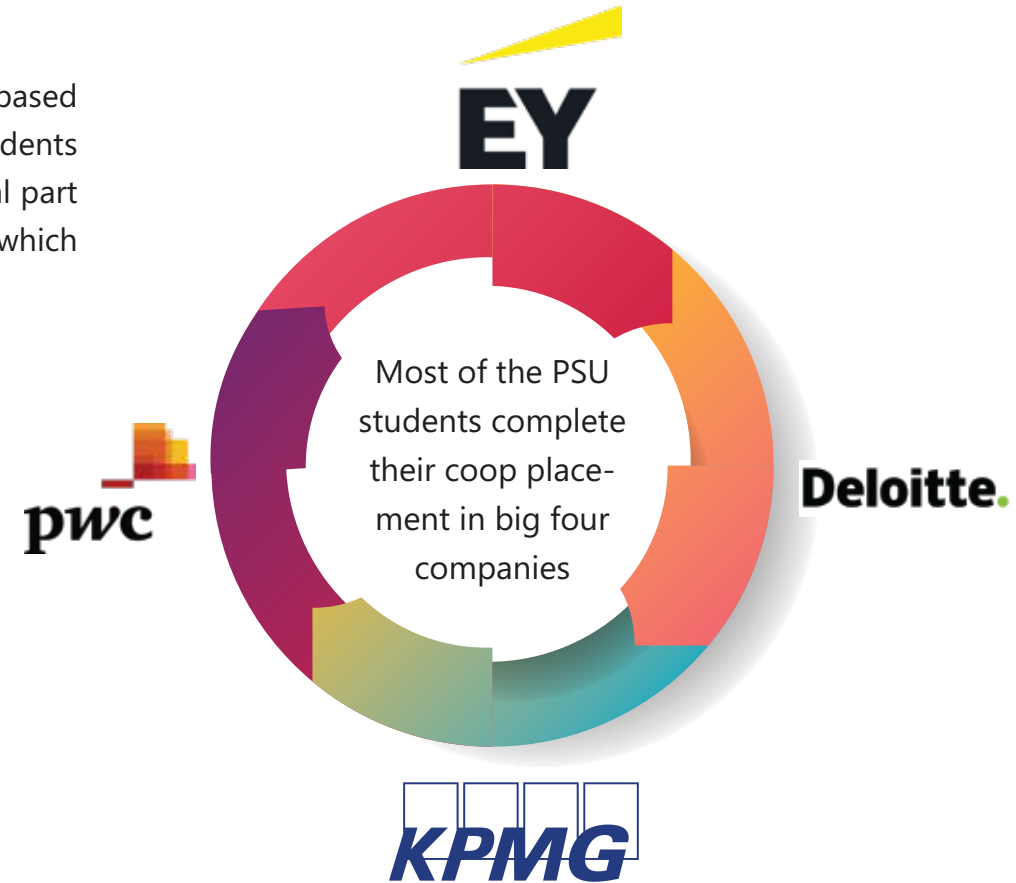
Proportion of students taking work placements

In alignment with the PSU mission which emphasizes on lifelong and service based learning, all programs offered at PSU have incorporated work placement. Students work placement includes Coop, Internship, Apprentisship and this is an integral part of their degree program. In addition, we have Deloitte Apprenticeship Program which is over and above the 4-7 months of work placement.



Employment Placement

Prince Sultan University offers a Student Work Placement Program known as “Cooperative Education program” to all senior level students pursuing their degree in the 4th year of their program related to their field of study. This program is considered as one of the CORE requirements of the curricula and is equivalent to 10 credit hours applicable to all academic undergraduate programs as a practical onsite experience over a 7-month period (i.e., spanning one semester and a summer). It provides opportunity for successful integration of work and study and enables students to gain hands-on experience in a realistic environment and enhances soft skills. In conclusion, students are provided an opportunity for career exploration and development as well as a chance to learn new skills through the student work placement program. The COOP is a core requirement for all undergraduate students at PSU upon completion of their coursework in their program. Refer to the PSU PSU COOP Handbook.



Testimonials



“

"We had the opportunity to work with many trainees and recent graduates from Prince Sultan University, where they demonstrated to us their high scientific and practical levels. Thank you for your efforts and dedication."

”

- Abdulaziz Alsuliam, Cloud Security Architecture Manager, SDAIA

“

"Working at Deloitte while still an undergraduate student is an incredible honor, and I attribute much of it to the exceptional education and skill development I received at PSU. My experience with Deloitte was transformative, bridging the gap between academic knowledge and the professional world with the privilege to actively contribute to the growth of myself, Deloitte , and Saudi Arabia's Vision2030."

”

- Lian Alhjeli, Trainee at Deloitte

Deloitte Risk Advisory Apprenticeship Program

As part of continuous improvement in the area of students acquiring work placement in the early years of their undergraduate program, the College of Business (CBA) has signed a memorandum of agreement in December 2021 with Deloitte and Touché Advisory Saudi Ltd for the Deloitte Risk Advisory Apprenticeship Program to work as Risk Advisory Bright Start Analyst.

Risk Advisory Bright Start is a three-year program (the "Program") designed to offer apprentices earn-while-you-learn experience and learnings, exposing CBA students to professional experts and allowing them to directly apply what they learn at university to their work while jump-starting their careers and gain a long-term competitive advantage. Risk Advisory Bright Starters will learn the future business, focusing on the Apprentices' work and studies. They will spend most of each week learning and helping to solve market issues and challenging problems, while the remainder of the week will be spent at university, studying for their degree.

The monthly package for the interns is SAR 5000. The recruitment is annual, depending on the needs of Deloitte.

Proportion of students with work placements



5404 / 5407

Number of students with work placement
(required as part of the course) in AY 2022

Proportion of employees on secure contracts



749 / 1043

Proportion of employees on secure contracts
(2022-2023)



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, and currently there are several on-going collaborations. In addition, to support innovation PSU has been sponsoring patents applications. There are two published patents, and six more patents have been submitted in collaboration with Oblon patent office for application as patents in the US patent office and they are now under evaluation.

Sustainable Development Goal 9 (SDG 9) focuses on building resilient infrastructure, promoting inclusive and sustainable industrialization, and fostering innovation. PSU has played a significant role in contributing to and reporting on SDG 9.

In summary, PSU has played a crucial role in advancing SDG 9 and has contributed to reporting on the progress toward achieving this goal through its research, education, innovation, partnerships, and advocacy efforts. By actively engaging with SDG 9-related activities and sharing its experiences, PSU has helped drive sustainable industrialization, resilient infrastructure development, and innovation.

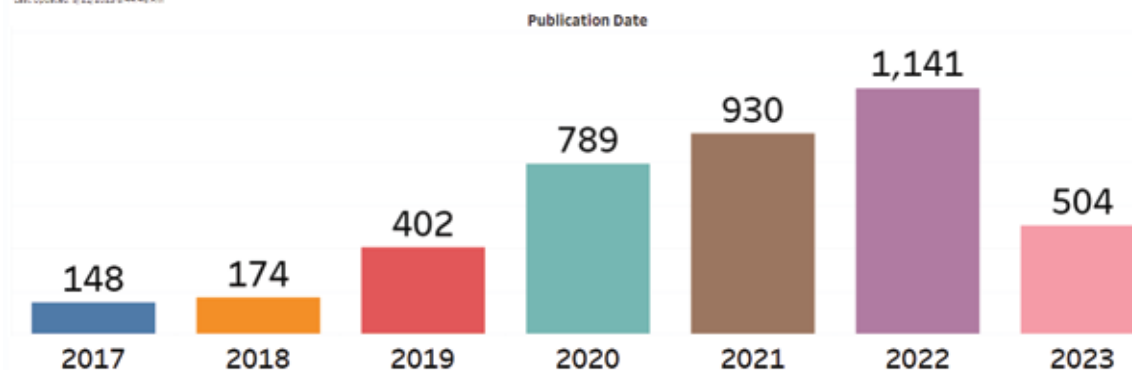


Research and Innovation

Research at PSU has focused on developing innovative technologies and solutions that promote sustainable industrialization and infrastructure development. These research findings, technological advancements, and innovations have contributed toward SDG 9 achievement by PSU.



Journal Publications Per Year
Last Update: 8/21/2023 9:44:46 AM



Education and Capacity Building

PSU offers educational programs and courses related to industrialization, infrastructure development, and innovation.

01

Program and Courses offered by the College of Architecture and Design

- 01. B.S in Architecture
- 02. B.S in Interior Design

02

Program and Courses offered by the College of Engineering

- 01. B.S in Civil and Environmental Engineering
- 02. B.S in Production & Manufacture Engineering
- 03. B.S in Construction Engineering

Partnerships

PSU collaborates with industry, government agencies, and international organizations to drive innovation and infrastructure development.

Hatch Product Co. visit by Students

In accordance with PSU Strategic Plan Theme 4: Outreach, Marketing, and Partnerships and in alignment with cooperation between the university and the parties benefiting from community service represented by submitting suggestions and designs for pieces of furniture to contribute to the development of Saudi industries from the outputs of the College of Architecture and Design and in accordance with SDGs, this suggestion belongs to SDG 9: Industry, Innovation, and Infrastructure. This will meet also the 2030 vision in local Saudi industries. We would like to share and consult on furniture designs for new furniture collections.



Recent developments in high voltage transmission and capabilities of GCC electrical testing laboratory

Renewable energy lab in the college of engineering is organizing a webinar in collaboration with GCC electrical testing laboratory about the services provided by the GCC electrical testing laboratory as a third party for failure investigation and arbitration.



International Webinar on Recent developments in high voltage transmission and Capabilities of GCC Electrical Testing Laboratory



DR. VASUDEV NAGARAJU

TECHNICAL CONSULTANT
GCC ELECTRICAL TESTING
LABORATORY, KSA
ADDITIONAL DIRECTOR
(Rtd) at CPRI



GCC Electrical Testing Laboratory will be a world class Electrical Product Testing and Services Hub in the GCC and MENA region, Independent authority for testing and certifying High-Voltage, Medium-Voltage and Low-Voltage electrical equipment, Act as a third party for failure investigations and arbitration, provide Low Voltage calibration services for electrical equipment and testing tools and certification courses for engineers and technicians.

Date: 29th March, 2022
Time: 4:30 PM (KSA)



Contact:
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Dr. Mahajan Sagar Bhaskar, smahajan@psu.edu.sa
Dr. Dhafer Almkhles, dalmkhles@psu.edu.sa
Eng. Sivakumar Selvam, sselvam@psu.edu.sa



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Technology Transfer

PSU is engaged in technology transfer activities, facilitating the adoption of sustainable technologies by industries.

Smart Systems Engineering Laboratory at the College of Engineering Designed Revolutionary Antennas for Cancer Detection, Wearable IOT Healthcare, 5G, and WI-FI Applications

Innovative designs for antenna systems have been successfully designed by the leader of smart systems engineering laboratory, Professor Mohamed Marey. It is a collaborative effort involving research centers in France, Italy, Germany, UK, Pakistan, Egypt, and India. Cancer detection, wearable internet of things healthcare, 5G cellular networks, and wireless local area networks have all been primary focuses of these designs.



Basic Switches & End Devices connectivity, configurations and implementation using packet Tracer

In this Workshop, Students will learn and perform basic switches and routers configuration tasks. Students will secure access to the command-line interface (CLI) and console ports using encrypted and plain text passwords.



Workshop Title:
BASIC SWITCHES & END DEVICES CONNECTIVITY, CONFIGURATIONS AND IMPLEMENTATION USING PACKET TRACER
Department of Communications and Networks Engineering
College of Engineering, Prince Sultan University
November 09, 2022
6:00 – 9:00 PM Riyadh
Location: Communication and Networks Lab
Room 1-B10, Building 105, PSU

CISCO

Certificate of attendance will be awarded

Organized by:
Eng. Muhammad Abbast
(mabbasi@psu.edu.sa)

www.psu.edu.sa
PSU@HEDU | PSU_RUH | psu_ruh | PSUoffical

Workshop on cisco packet tracer and Wireshark

The Smart Systems Engineering Laboratory in the College of Engineering is organizing a two-day training course for electrical engineering and computer science students. The training course is on the use of Cisco packet tracer software as well as Wireshark software. This course will deepen students' understanding of networking and communication and explains how to use these tools in analyzing and understanding networking.



Workshop Title:
WORKSHOP ON CISCO PACKET TRACER & WIRESHARK
30 - 31 March 2022
3:00 – 6:00 PM Riyadh
Venue: Communication and Networks Lab
1st Floor Zone B, Building 105, PSU

Participant will get official E-certificate from Cisco Networking Academy at the end of the training.

WIRESHARK Smart Systems Engineering Lab

Limited Seats
No Registration Fee

Contact:
Dr. Moustafa Nasralla (mnasralla@psu.edu.sa)
Eng. Muhammad Abbast (mabbasi@psu.edu.sa)
Eng. Sohaib Bin Altaf Khattak (skhattak@psu.edu.sa)

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PSU@HEDU | PSU_RUH | psu_ruh | PSUoffical

Research Funding

PSU report on the allocation of research funding to projects and initiatives that align with SDG 9. This includes grants and investments in infrastructure-related research.

Experimental Study of Durability and Mechanical Properties of Concrete with Recycled Concrete Aggregate and Fly Ash

Engineering Management, Construction Management Program, SEED PROJECT, CE, Yasser Mansour, Ihab Katar, Shabir Khahro, Mohammed Abdul Malik, Dec 2020

Design of composite energy absorption devises for automotive applications: Experimental study on the effect of the working environmental conditions of GCC area, Engineering Management, SEED PROJECT, CE, Tamer Sebaey, Feb 2021

Cost Efficient Road Condition Assessment Approach for Developing Countries, Engineering Management, Construction Management Program, SEED PROJECT, CE, Shabir Hussain, Zubair Ahmed Memon, Yasir Javed, Sep 2021

Sustainability at the Workplace: Occupants' Satisfaction with Indoor Environmental Quality in LEED and Non- LEED Certified Higher Education Buildings, Architecture Department, SEED PROJECT, CH, ERL LAB, Hala Sirror, Wafa Labib, Connie Mitchell, Eman Abowardah and Walaa Metwally, 2021

Production and mechanical characterization of wood/polymer composites for the sustainability of kingdom resources Engineering Management, SEED PROJECT, CE, S&M Lab, Muneer Baig, Abdulhakim Almajid, Abdul Aabid, Bandar Almeshari and Mohammad Abdulmalik, 2021

Intelligent Communication Networks, Communications and Networks Engineering, SEED PROJECT, CE, Maged Esmail, Mohamed Marey and Moustafa Nasralla, 2021

A rooftop PV fed grid-tied system, Communications and Networks Engineering, SEED PROJECT, CE, REL LAB, Dhafer Almakhles, Jagabr Ali and Sivakumar Selvam, 2022

HERITAGE PRESERVATION AND REUSE: USHAIGER HERITAGE VILLAGE, A CASE STUD, Architecture, SEED PROJECT, CAD, Silvia Mazzetto and Fiorella Vanini, Apr 2022

Development and characterization of sustainable natural fiber-based textile green/bio-composites, Engineering Management, SEED PROJECT, CE, Hassan Mehboob, Yasir Nawab and Raja Muhammad Waseem Ullah Khan, June 2022.

Development of Power Converters for Micro Grid System Communications and Networks Engineering, SEED PROJECT, CE, REL LAB, Sagar Bhaskar Mahajan, Umashankar Subramaniam, Dhafer Almakhles and Sivakumar Selvam, June 2022

Optimum Composite Stacking Sequence for Sustainable Energy Transportation Pipelines, Engineering Management, SEED PROJECT, CE, S&M Lab, Tamer Sebaey, 2022

DESIGN OPTIMIZATION OF A HYBRID VIBRATION CONTROL SYSTEM FOR BUILDINGS STRUCTURES, Structural Engineering, SEED PROJECT, CE, S&M Lab, Mansour Yasser Mansour, Gebrail Bekdaş, Sinan Melih Nİgdelİ, Aylin Ece Kayabekİr, Basel Salaas and Mohamed Ezzat, 2022.

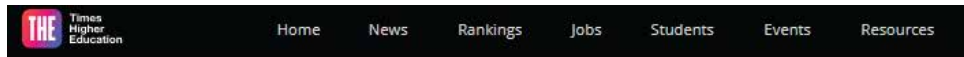
Micro Grid Energy Management System and EV Charging Infrastructure Construction, Management Engineering, SEED PROJECT, CE, REL LAB, Umashankar Subramaniam, Sagar Bhaskar Mahajan, Dhafer Almakhles and Sivakumar Selvam, 2022

Modified ACI 544 2R drop-weight testing procedure using U-shaped drop-weight impact test (USDWIT): Evaluation of concrete impact resistance performance, Engineering Management, CE, Musa Adamu, Yasser Mansour, Han Zhu and Sadi I Haruna, 2023

Infrastructure Sustainability

PSU assesses the sustainability of its own infrastructure, such as campus buildings and facilities. These efforts are to reduce energy consumption, increase resource efficiency, and minimize environmental impact.

PSU College of Architecture and Design: built with sustainability at its heart



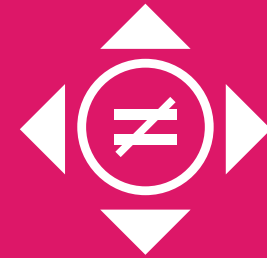
Prince Sultan University > PSU College of Architecture and Design: built with sustainability at its heart

PSU College of Architecture and Design: built with sustainability at its heart



Prince Sultan University in Saudi Arabia has been taking impactful steps towards achieving the UN's SDGs, and has the kingdom's own Vision 2030 in its sights





Reduced Inequalities

REDUCED INEQUALITIES

There is a 14% increase in the number of first-generation students, which is a handsome figure compared to the previous statistics. This clearly indicates the proficiency of government policies to reduce inequalities

14% of the total students from developing countries belong to low-income or middle-income level. A 20% increase in special quota was assigned by PSU for international students in all the fields.

0.3% differently-abled students are enrolled at PSU with special treatments without any extra cost, providing opportunity to be equal and well-established citizens of the Kingdom.

Prince Sultan University is an equal-opportunity institute that strongly prohibits all forms of discrimination based on gender, race, ethnicity, religion, nationality, or disabilities.

Reference: Academic Year 2022

Achievements



- More than 14.6% of total number of first-generation students at PSU starting their first-degree.
- More than 14.2% of total number of first-generation students from developing countries at PSU starting their first-degree.
- 17 students & 4 staff with disabilities at PSU.

Metrics

First-generation students



Number of students - 5442



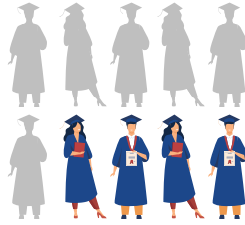
Number of first-degree students - 518



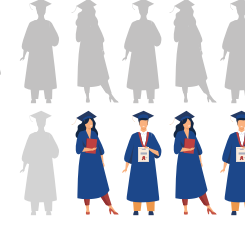
Number of first-generation students starting a first degree - 76

Students from developing countries

This image 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.



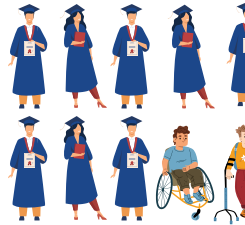
Number of first-degree students - 518



Number of first-degree international students from developing countries - 74

Students and staff with disabilities

This graphic shows the proportion of students and staff with disabilities



Number of students = 5442
 Number of students with disability = 17
 Number of employees = 803
 Number of employees with disability = 4

EVIDENCES

10.2.1: Be the First

What It Means to Be a First-Generation College Student

Being a first-generation college student represents progress for a family. Most people who decide not to go to college do so because they don't think they can afford it. Food, living expenses, textbooks, and also tuition all represent a big amount of money. And this is completely understandable that some families would be intimidated by the price tag. (Although it's 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 will pay, after scholarships and financial aid are taken into consideration.

Prince Sultan University takes initiative on this for those students they cannot afford their expenses university will help out through scholarships based on merit and through financial aid for low-income families, therefore in the future, these students will shine as a major part of society.

Service Objective: To provide a safe and confidential environment for students with disabilities to seek support and guidance. This service is available to all students with disabilities, and is provided by the Disability and Counseling Unit on the hotline.

How to Contact the Service: The person responsible for the hotline service is Ms. Aileen Al-Ahmedy, who is the Guidance Counselor at the Deanery of Student Affairs, whose contact information are the following:
 - Phone: 011 494 8126
 - Email: aileenahmedy@psu.edu.sa

Service Location: 011 494 8126

بيان بأسماء الطلاب للمواقف (الاحتياجات الخاصة)

| الرقم | اسم الطالب | الرقم الجامعي | التخصص | موقع طالب المواقف |
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Introduction to SEN & Dyslexia
 By Dr. Jamal Al Said
 NOVEMBER 6, 2019
 FROM 4:00 TO 6:00
 PRINCE SULTAN HALL

Measures against discrimination

Prince Sultan University has a policy to manage the different needs of students, including disabilities that they may have. Below is some evidence from the manual for admissions and resources for 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 mission 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 physical, written or published using social media

b. Policy Statement

Reference service at the Central Library is an important element to support libraries' defined objectives, vision and mission. Central Library provides high quality reference services to all PSU users. Library staff answers user queries, whether received through telephone, email, or in-person visit to reference counter.

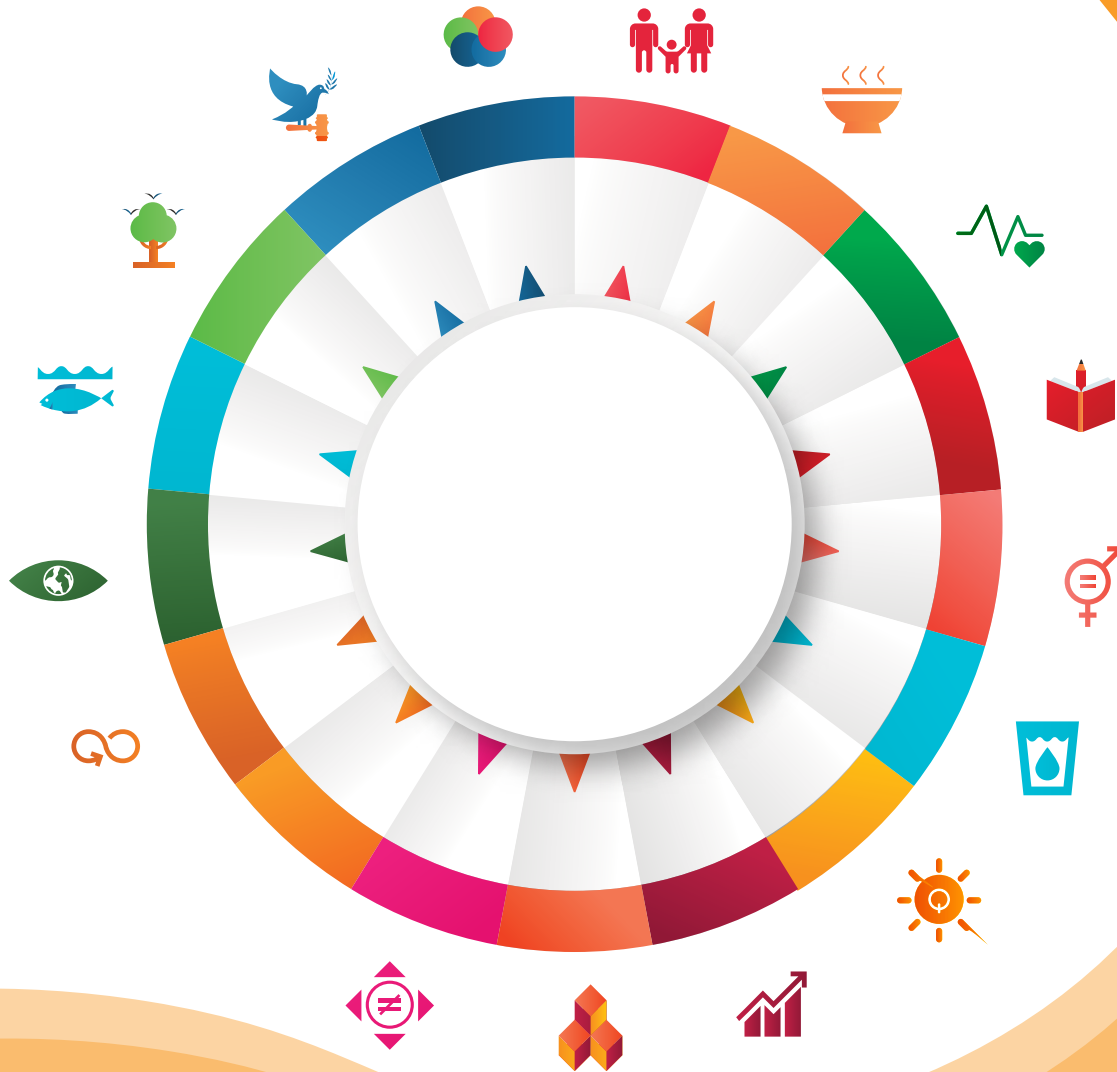
Professional librarians having at least master degree in library science or related field during the opening hours of library provide the service. **Users with disabilities are treated amiably, with dignity and respect.**

Central Library orientation services are planned to develop user skills, to search, discover, evaluate, access, and use relevant print and electronic resources. Reference librarians at Central Library contribute to orientation activities by organizing orientation programs and preparing information literacy tools and guides.

الخدمات المساندة لتهيئة الاحتياجات الخاصة في المكتبة المركزية
تولي المكتبة المركزية بالجامعة اهتماماً كبيراً للخدمات الخاصة حيث تقدم خدمات وتسهيلات مساندة تساعد على الاستفادة من خدمات ومصادر المكتبة المختلفة. منها جهاز الإعارة والإرجاع الذاتي الذي يمكن من خلاله التحكم برافعة الجواز الأمامي والأسفل. بالإضافة إلى الشيفرات المساندة، كما تم تجهيز المكتبة مساندة خاصة لأغراض البحث والدراسة والحفظ.

Special Needs Services through the Central Library
PSU Central Library located on the Women's Campus provides various services to all users, including those with disabilities. For physically challenged users, they will be able to check out and in the library materials with help from dedicated librarians or using book with adjustable height end platform.

Linktree* | library_CW@psu.edu.sa



Sustainable Cities & Communities

SUSTAINABLE CITIES AND COMMUNITIES

Prince Sultan University exhibits high commitment to the 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.

Students visit to the Exhibition of Projects of Distinguished Cities During the Reign of the Custodian of the two Holy Mosques King Salman bin Abdul Aziz 2022

A number of students from the College of Architecture & Design at PSU, accompanied by instructors from both Architecture and Interior Design Departments, attended an Exhibition of Projects of Distinguished Cities During the Reign of the Custodian of the two Holy Mosques King Salman bin Abdul Aziz 2022, and a forum on the effects of Vision 2030 initiatives on Saudi cities.

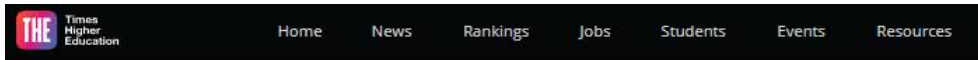
College of Architecture and design students visit SDF

On the 23 of January, College of Architecture and Design students went on a field trip to the Saudi Design Festival 2022 that was held in Jax, Al Diriyah. College of Arch and Design is participating in the festival by showcasing their student's designs.



PSU College of Architecture and Design: built with sustainability at its heart

The College of Architecture and Design at Prince Sultan University in Saudi Arabia is known for its forward-thinking faculty. The all-female college has more than 650 students and about 50 staff from a diverse range of nationalities.



Prince Sultan University > PSU College of Architecture and Design: built with sustainability at its heart

PSU College of Architecture and Design: built with sustainability at its heart

Promoting Arabic Language & Culture

PSU organized several sessions of Arabic Language Analysis workshops. The workshops targeted females from society interested in knowing more of Arabic as a Language. The main aim was to raise awareness of our culture among society. The attendees from the public were glad and gratitude to find an academic venue as PSU where they can share their interest in Arabic Language Knowledge.



منشآت الرياض | مركز دعم المنشآت
إبراهيم بن تيدالله الفهميس
مدير مركز خدمة اللغتين و التعليم المستمر
و اللغة الأخرى سلطان
تفعيل مراكز خدمة المجتمع
والتعليم المستمر في المدارس



Sustainable Development Symposium/Workshop

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



PSU Eco team in Shell Eco Marathon Asia 2019

On-track, teams battle it out in the mileage challenge, competing within vehicle categories and energy classes to see which vehicle can travel the furthest on the least amount of energy. PSU Eco team participated in Shell Eco Marathon Asia in April 2019.



Green Building & LEED Certification

Green Building was a lecture in a form of forum organized by ID Department in collaboration with CSCEC. It was implemented on two stages; the first one was a conducted 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 the 2030 Environmental Sustainability Vision. Then the main goal was to raise awareness and to inform the community about the professional knowledge regarding the KSA Green Building Industry. Followed by PSU presentation about LEED, presented by Tae Yi, PSU faculty member. At the end of the 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. Gopalakrishnan Padmanabhan
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.

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 organizers:
College of Engineering,
PSU USGBC Membership,
USGBC committee in the Arch. Eng. Dep
Green Building Club.

VISION 2030
LEED GREEN BUILDING COUNCIL
MEMBER

Celebrations on Saudi National Day

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



Participation in the Saudi Design Week

A field trip to Saudi Design Week organized by the Interior Design Department for students and faculty members. Source: The Interior Design Department Outreach Committee.



Field trip to Asir

A trip organized by the Interior Design Department for students and faculty members to Asir to strengthen their understanding and appreciation for the culture and the Saudi Heritage. Source: The Interior Design Department outreach committee, 2020.



Responsible Consumption and Production

RESPONSIBLE CONSUMPTION AND PRODUCTION

Operational measures

Prince Sultan University is involved in several industrial, academic, governmental, local, and international collaborations that are leading the way in the search for sustainable consumption and waste disposal. Policies are formulated and in place in the university that tackles different waste disposal, and ethical food sourcing and supplies. Various activities such as forums, workshops and outreach were done in this regard. Partnership with companies such as Jahez that values sustainability in their work processes provides big impact to the university and its community.

Prince Sultan University PSU Policy Management System Sustainable Ethical Food Sourcing Policy

| | |
|-------------------------|--|
| Policy Code: | GV0015 |
| Policy Name: | Sustainable Ethical Food Sourcing Policy |
| Handler: | PSU Catering Services Unit |
| Date Created: | 15 July 2020 |
| Date of Current Review: | 15 August 2020 |
| Approved by: | University Council |
| Date of Approval: | 02/09/2020 |



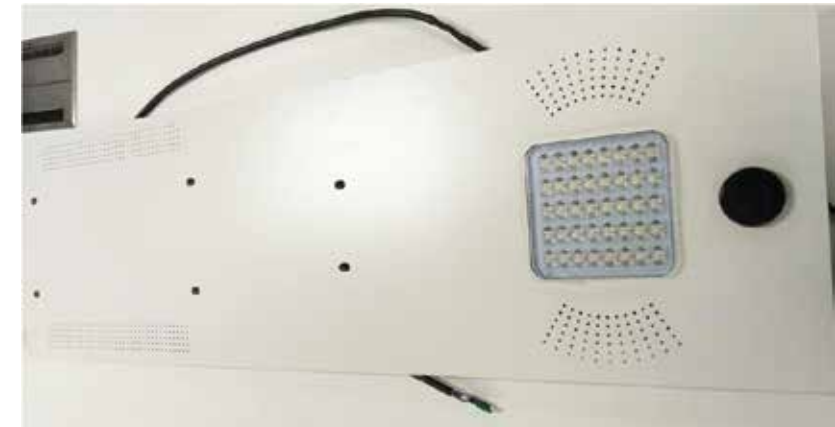
Prince Sultan University PSU Policy Management System Sustainable Funding/Donations Policy

| | |
|-------------------------|--|
| Policy Code: | GV00020 |
| Policy Name: | Sustainable Procurement Policy |
| Handler: | Center for Sustainability and Climate, Vice- President for Administrative and Financial Affairs Office |
| Date Created: | 15 July 2020 |
| Date of Current Review: | 28 August 2022 |
| Approved by: | Policies & Development Unit & University Council |
| Date of Approval: | 05/10/2022 |



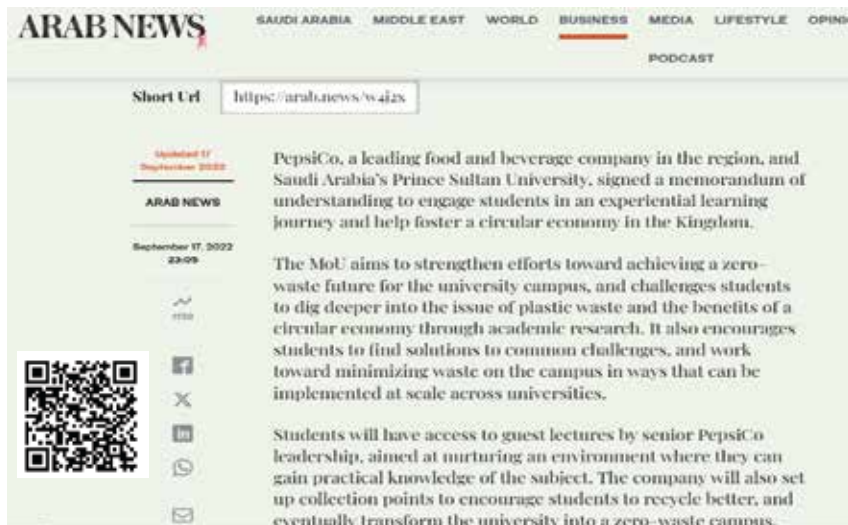
Prince Sultan University PSU Policy Management System Sustainable Waste Management, Prevention and Disposal Policy

| | |
|-------------------------|--|
| Policy Code: | GV0016 |
| Policy Name: | Sustainable Waste Management, Prevention and Disposal Policy |
| Handler: | PSU Maintenance Department |
| Date Created: | 15 July 2020 |
| Date of Current Review: | 15 August 2020 |
| Approved by: | University Council |
| Date of Approval: | 02/09/2020 |



PepsiCo Partners with PSU to Educate Youth on Sustainability

Partnership with PepsiCo and PSU strengthens efforts towards achieving zero-waste future for the university. This enhances the awareness and application of sustainability through having ethical sourcing of food, supplies and minimizing unsustainable services and supplies. This partnership also encourages the students and the community to find solutions to common challenges in being sustainable, such as minimizing waste, sustainable disposal of these waste and recycling wastes.



PepsiCo and PSU Activate First Student Led Competition

Student competition on Zero Waste initiative shortlisted 5 groups. The participants focused on different environmental challenges such as using cloud computing for sustainability, waste disposal locator and pollution monitoring, recycling, IoT and NFC in waste disposal, using RFID on electronic wastebin, and waste manage-



“Green Economy and Environmental Protection – Saudi Vision 2030” Forum



Through the Compliance Office, a forum on Green Economy and Environmental Protection was conducted that participated by different experts on sustainability. The keynote speaker was Mr. Asad Naqvi, Head of the Secretariat, the UN Partnership for Action on Green Economy (PAGE) and Head of the Secretariat, the Green Growth Knowledge Partnership (GGKP), wherein he talked about “tackling the economic and environmental crises together”.



FORUM ON
Green Economy & Environmental Protection – Saudi Vision 2030

Introductory Talk
 Dr. Ahmed Yamani
 President, Prince Sultan University

KEYNOTE SPEECH
Tackling the Economic & Environmental Crises Together
 Mr. Asad Naqvi
 Head Secretariat, PAGE, United Nations
 Expert in Sustainability & Green Economy

PANEL DISCUSSION

| MODERATOR | PANELISTS | |
|---|---|--|
| Dr. Emna Chikhaoui Senior Compliance & Legal Manager SDG 16 Chair, Prince Sultan University | Prof. Mohammad Nurunnabi Director, Center for Sustainability & Climate Expert in Sustainability | Prof. Mohamed Bououdina Leader, Energy, Water, & Environment Lab Expert in Nanotechnology & Energy |
| | Dr. Farida Saleem Associate Professor in Management Expert in Corporate Environmentalism | Ms. Misbah Saboohi Senior Lecturer in Law Expert in Environmental Law |

MONDAY FEBRUARY 27, 2023
 12:15 PM - 2:00 PM
 SECOND FLOOR AUDITORIUM, B-105

REGISTRATION LINK

Renewable Energy Lab

Research Labs such as 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.

Research Projects such as the Sustainable Nano grid based Networked Electricity - A Paradigm shift for Electricity Infrastructure, was done to provide the community with an alternative to the grid and diesel-powered electricity. This is just one of the project of this Research Lab and more research and project are being done.

- Clear plan for executing energy saving measures by identifying the energy Intensive electrical utilities inside the campus
- Economic analysis for power quality improvement and energy savings
- Identifying the electrical inefficient processes in the campus
- Financial benefit (reduction in the billing cost), investment and payback period

Vision

REL is committed to advance renewable energy technologies to satisfy the national energy demands and environmental goals.

Mission

Conduct high quality scientific research in the field of renewable and sustainable energy to meet the requirements of the society.

Utilize the allocated resources to direct and unify the research efforts of Prince Sultan University faculty members by applying their diverse expertise expertise and bring it to the field of Renewable Energy.

Increase the impact of Prince Sultan University research and help the members in their professional development.





Climate Action

CLIMATE ACTION

Sustainable Development Goal 13 (SDG 13) highlights the urgent need to combat climate change and its consequences. Educational institutions, as a critical component of this global movement, play a critical role in increasing awareness, establishing climate-resilient communities, and encouraging collaboration at the local and regional levels. PSU is dedicated to achieving SDG 13 via a number of environmental education programs and collaborative activities.

Local Education Programs on Climate Change

The creation and execution of regional climate change education programs is one of PSU's main priorities. These initiatives seek to increase knowledge of the risks, consequences, adaptation tactics, impact reduction techniques, and early warning systems associated with climate change among students, professors, and the general public. PSU holds lectures, seminars, and workshops to promote creative solutions to climate-related problems and to give a thorough understanding of them. Through these programs, PSU aims to equip people with the information and abilities they need to make wise decisions and take preventative action to lessen the consequences of climate change. This strategy supports SDG 13's overarching objective of promoting local climate knowledge and awareness. The following events were held in 2022 to inform the local populace about climate change.

International Conference on Sustainability: Developments and Innovations

The conference in 2022 put a heavy emphasis on the state of the art and current practices in various sustainable development goals. From all across the world, the researchers, practitioners, students, and contractors came together. The ICSDI 2022 included a variety of presentations on difficult projects and research, as well as various guest speakers on chosen subjects. The conference featured a wide range of technical and panel discussions, short courses, and workshops that advanced expertise.

The poster features a list of tracks and topics, a world map, and a list of important dates. The tracks include: 1. Manufacturing and Industrial Systems Towards Sustainability, 2. Sustainable Construction Technologies and Materials, 3. Energy Sustainability: Challenges and Opportunities, 4. Sustainable Urbanisation and Smart Cities, 5. Sustainability and Built Environment, 6. Policies, Regulations and Economic Assessments Towards SDG. The important dates are: Dec 25, 2021 - Submission Deadline, Dec 30, 2021 - Review Feedback Notification, Jan 21, 2022 - Final Papers Due, Dec 30, 2021 - Early Bird Registration, Jan 30, 2022 - Start and Registration, Feb 18, 2022 - Conference Begins. The website <https://www.icsdi22.org/> and email icsdi21@psu.edu.sa are provided. Social media icons for Twitter, LinkedIn, Facebook, and Instagram are also present.

The logo for ICSDI 2022 features a colorful globe icon. The text reads: ICSDI 2022, INTERNATIONAL CONFERENCE ON SUSTAINABILITY DEVELOPMENTS AND INNOVATIONS, 19-22 FEBRUARY 2022, PRINCE SULTAN UNIVERSITY, RIYADH, SAUDI ARABIA. Partner logos include Prince Sultan University, CI (Center for Innovation), CAD (Center for Advanced Design), 2030 (Sustainable Development Goals), IECOM, and ASCE.

A field trip to EV Expo 2022 for students of Electrical Engineering

In accordance with Saudi Vision 2030 and the Sustainable Development Goals (SDGs) of the United Nations, Dr. Umashankar Subramanian, Electrical Engineering, College of Engineering, organized a field trip for electrical engineering students to the largest electric vehicle event in Saudi Arabia, hosted by EV Auto Show, on November 2, 2022. The EV Auto Show is an international display of the most recent advancements in electric automobiles sector. Its main goal is to build and advance a zero-emission environment on a worldwide scope.



A field trip to LEAP 2022 for students of electrical engineering, communications, and networks engineering

The field trip to LEAP, an international level technical exhibition held in Riyadh on February 1, 2022, was organized by their course instructor, Dr. Umashankar Subramaniam, for the Electrical and Communications and Networks Engineering students. LEAP is a unique event that serves as a worldwide platform for the most innovative technology experts from across the world. Modern technology are embraced there earliest, and progress is advancing there the greatest.

Solar PV-based speed control of DC motor using arduino for fan and pump applications

Abdul Rahman Al-Zeer, Talal Al-Sharif, and Abdulelah Al-Yemeni, students in the Electrical Machines course in the Department of Electrical Engineering, completed a project relating to the operation and speed control of a DC motor powered by solar energy in accordance with the Saudi Vision 2030 under the guidance of Dr. Uma Shankar and Eng. Sivakumar. This work aims to develop students' skills in sustainability technology and techniques required to achieve future goals for the country and the world. The project serves the United Nations Sustainable Development 17 Goals 2030, which are:

- 1 - Affordable and Clean energy (SDG#7)
- 2 - Industry, innovation and infrastructure (SDG#9)
- 3 - Climate Action (SDG#13)
- 4 - Partnerships for the goals (SDG#17)



PSU SDG Club

In order to support the UN Sustainable Development Goals 2030 (SDG) agenda towards sustainability and climate justice, the Prince Sultan University SDG Club, which is a part of the Centre for Sustainability and Climate (CSC), engages students in higher education. It also equips them with the knowledge, skills, and pathways to action they need to be effective change agents in the present. To update students on environmental and climatic issues, organize events where students may discuss important Sustainable Development Goals (SDG) topics, volunteer for SDG projects, and establish connections with the local and international communities is the mission of this club.

Net Zero Emission and Transition towards Climate-Neutral Economies: The Role of Higher Education and Saudi Vision 2030

On March 23, 2022, speakers from several universities participated in this Zoom session. Higher education, sustainability, and the Sustainable Development Goals: A Call to Action was the topic of Professor Wendy M. Purcell's talk at Harvard University in the United States. Ms Fiona Goodwin, Deputy CEO of the EAUC and Secretariat for the Race to Zero for Universities and Colleges, provided an introduction to the event. Panel discussions on net zero emissions and transition to climate-neutral economies: the role of higher education and Saudi Vision 2030 were also held.



SPRINGER LINK

Find a Journal | Publish with us | Search

Home > Environmental Science and Pollution Research > Article

Research Article | Published: 01 October 2022

Integration of renewable energy and technological innovation in realizing environmental sustainability: the role of human capital in EKC framework

Najia Saqib, Arshian Sharif, Asif Razaq & Muhammad Usman

Environmental Science and Pollution Research 30, 16372–16385 (2023) | Cite this article

752 Accesses | 20 Citations | Metrics



Sustainable Development



RESEARCH ARTICLE

Nexus between green technology innovation, green financing, and CO₂ emissions in the G7 countries: The moderating role of social globalisation

Arshian Sharif, Najia Saqib, Kangyin Dong, Syed Abdul Rehman Khan

First published: 23 June 2022 | <https://doi.org/10.1002/sd.2360> | Citations: 57

[Correction added on 28 June 2022, after first online publication: The ORCID of Najia Saqib has been added in this version.]

Funding information: National Social Science Foundation of China, Grant/Award Number: 20VGQ003



ORIGINAL RESEARCH article

Front. Environ. Sci., 16 December 2022
Sec. Environmental Economics and Management
Volume 10 - 2022 |
<https://doi.org/10.3389/fenvs.2022.1077658>

This article is part of the Research Topic
Clean Energy Transition and Load Capacity Factors:
Environmental Sustainability Assessment through Advanced
Statistical Methods

[View all 18 Articles >](#)

Revisiting EKC hypothesis in context of renewable energy, human development and moderating role of technological innovations in E-7 countries?

Najia Saqib¹, Muhammad Usman^{2*}, Magdalena Radulescu^{3,4}, Crenguta Ileana Sinisi⁵,
Carmen Gabriela Secara⁵, Claudia Tolea⁵

¹ Department of Finance, College of Business Administration, Prince Sultan University, Riyadh, Saudi Arabia

² China Institute of Development Strategy and Planning, and Center for Industrial Economics, Wuhan University, W

³ Department of Finance, Accounting and Economics, University of Pitesti, Pitesti, Romania

⁴ Institute for Doctoral and Post-Doctoral Studies, University "Lucian Blaga" Sibiu, Sibiu, Romania

⁵ Department of Management and Business Administration, University of Pitesti, Pitesti, Romania



Climate Action Plan

In support of climate action, PSU has developed a comprehensive policies that outlines the university's commitment to reducing its carbon footprint and increasing sustainability.

Sustainable Waste Management, Prevention and Disposal Policy



The PSU Management Department produced the Sustainable Waste Management, Prevention, and Disposal Policy on July 15, 2020. Prince Sultan University is a sustainable, green institution that promotes and implements methods and strategies for sustainable development at all levels. PSU promotes sustainable waste management and disposal practices that are put into place in conjunction with municipal and governmental organizations as part of its efforts to create a secure, environmentally friendly campus. One of the aims of this policy is to avoid carbon-intensive industries and similar chemical processes that cause the emission of unhealthy gases.

Institutional Risk Management Policy

The Prince Sultan University's ("PSU") approach to risk management and the methods it uses to categorize, evaluate, and manage risk are outlined in this policy.



Risk management is something that all unit managers must be accountable for. The risk management committee's duties include deciding how PSU will approach risk management with the help of unit managers, discussing and approving matters that have a significant impact on PSU's risk profile or exposure, continuously monitoring risks and ensuring that appropriate actions are being taken, and reviewing risks every two years.



Co-operative Planning for Climate Change Disasters

In light of a changing climate that is becoming more unpredictable, collaborative preparation for climate change catastrophes is essential. PSU actively engages in cooperative planning initiatives, which may include relocating individuals both domestically and internationally. PSU helps to the creation of preparations for evacuation and relief operations as well as strategies for managing climate change disasters by collaborating closely with regional partners and governmental organizations. Participation of the university in cooperative planning provides a coordinated response to problems brought on by climate change and promotes community resilience. This is in line with SDG 13's objectives to strengthen climate resilience and lessen the effects of natural catastrophes caused by climate change.

Prince Sultan University forms a partnership with Higher Education Sustainability Initiative (HESI), United Nations

HESI serve as centers for creativity and critical thinking, fostering future leaders, legislators, business owners, scientists, researchers, and teachers. In order to advance in the implementation of the 2030 Agenda for Sustainable Development, HEIs are also essential in promoting a deeper knowledge of the SDGs and how they are interrelated. The HESI Partner Program, the most recent addition to the HESI action groups, aims to link higher education institutions, networks, and student organizations to foster a community of shared learning in support of SDG integration into curricula, research, programs, and campus practices and to facilitate knowledge transfer.



Local and Regional Impact

PSU's commitment to environmental education and collaborative efforts in climate action impacts not only the local community but also the broader region. By providing the tools and knowledge necessary to address climate change at the local level, PSU is indirectly contributing to regional sustainability and resilience. This regional impact is crucial in addressing the trans-boundary nature of climate change challenges and ensures that the community remains proactive in mitigating its effects.

Research

Predicting Efficiency of Innovative Disaster Response Practices: Case Study of China's Corporate Philanthropy

by Ateeq ur Rehman Irshad ^{1,*} Nabeel Safdar ^{2,*} and Wajiha Manzoor ³

- ¹ Department of Mathematics and Sciences, College of Humanities and Social Science, Prince Sultan University, Rafah Street, Riyadh 11586, Saudi Arabia
 - ² Department of Finance and Investment, NUST Business School, National University of Sciences and Technology (NUST), Islamabad 44000, Pakistan
 - ³ Department of Economics, COMSATS University Islamabad (CUI), Islamabad 45550, Pakistan
- * Authors to whom correspondence should be addressed.

Sustainability **2023**, *15*(3), 2031; <https://doi.org/10.3390/su15032031>

Received: 8 October 2022 / Revised: 13 December 2022 / Accepted: 28 December 2022 /

Published: 20 January 2023

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IOP Conference Series: Earth and Environmental Science

PAPER • OPEN ACCESS

The Green Areas in the city and sustainable Approach: Analytical Study of Saudi Crown Prince Mohammed bin Salman's tree-planting Program

Walaa Metwally¹ and Vitta Ibrahim²

Published under licence by IOP Publishing Ltd

[IOP Conference Series: Earth and Environmental Science: Volume 1026, International Conference on Sustainability: Developments and Innovations \(ICSDI-2022\) 19/02/2022 - 22/02/2022, Riyadh, Saudi Arabia](#)

Citation Walaa Metwally and Vitta Ibrahim 2022 *IOP Conf. Ser.: Earth Environ. Sci.* **1026** 012045

DOI 10.1088/1755-1315/1026/1/012045



Professor Mohammad Nurunnabi participated as a speaker in Saudi Youth for Sustainability Conference 2022

Professor Mohammad Nurunnabi discussed “Re-imagining the Role of Education on Sustainability” and highlighted that collective efforts from all Saudi Universities will accomplish Vision 2030 and Saudi Green Initiative towards a sustainable future of Saudi Arabia.

Professor Mohammad Nurunnabi PhD (Edinburgh), FAIA(Acad), SFHEA, FRSA, CMBE, CMA, FFA, FIPA, CPA from Prince Sultan University was a distinguished speaker in the session titled - “Continue the conversation with critical questions and ambition for Race to Zero Universities and Colleges”.



Prince Sultan University is the first Carbon Neutral Certified Company in the MENA Region

Prince Sultan University is partnering with Climate Impact Partners, an expert in carbon market solutions for climate action, to earn CarbonNeutral® certification. The university had an independent evaluation of the greenhouse gas emissions created by the 5000 tonnes of CO₂e covered by certification. The first Saudi university to pledge net zero carbon university by 2060 will be at Prince Sultan University. The race to zero for universities and colleges campaign is jointly managed by EAUC, Second Nature, and UN environment. The University also has CSC (Prince Sultan University Center for Sustainability and Climate), which is the first student SDG Club in Saudi Arabia with University Prince Sultan.



Collaboration for SDG best practice

PSU has international collaboration and research. In research, we focus on review comparative approaches and develop international best practice on tackling the SDGs



We're now Carbon Neutral!

Prince Sultan University is now CarbonNeutral® Company Certified!

Prince Sultan University, the 1st CarbonNeutral certified university in the MENA region

CarbonNeutral® Company

Prince Sultan University

5000 tonnes CO2e



This certificate verifies that:
The stated subject is carbon neutral through the use of high quality environmental instruments in accordance with The CarbonNeutral Protocol. All credits adhere to standards approved by the International Carbon Reduction and Offset Alliance (ICROA).

Vaughan Lindsay
CEO - CLIMATE IMPACT PARTNERS

| | |
|--|---|
| Certification: CarbonNeutral Company | Expires: 31 Jan 2023 - 31 Jan 2023 |
| Name of organisation: Prince Sultan University | Quantity of certified instruments: 5000 |
| Subject: Prince Sultan University | Certificate number: PRUS0011101 |
| Project title: National Renewable Energy Institute (NREI) (CO2e) | |



PSU x Jahez Initiative

Together with Prince Sultan University, Jahez plants 500 trees in an effort to cut carbon emissions and meet sustainability goals.



جاهز تزرع 500 شجرة بالتعاون مع جامعة الأمير سلطان لخفض الكربون و تحقيق مستهدفات الاستدامة

JAHEZ PLANTS 500 TREES IN COOPERATION WITH PRINCE SULTAN UNIVERSITY TO REDUCE CARBON EMISSIONS AND ACHIEVE SUSTAINABILITY GOALS

Tuesday - الثلاثاء (28th February - فبراير)
12:00-15:00



Open Access Review

Assessment of Physical Vulnerability and Uncertainties for Debris Flow Hazard: A Review concerning Climate Change

by [Mudassir Ali Khan](#) ^{1,*}, [Zaharaniza Mustafa](#) ¹, [Indra Sati Hamonangan Harahap](#) ²,
[Muhammad Bello Ibrahim](#) ¹ and [Mohamed Ezzat Al-Atroush](#) ^{3,*}

¹ Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS, Perak 32610, Malaysia

² Department of Civil Engineering, Universitas Islam Indonesia, Yogyakarta 55584, Indonesia

³ Department of Engineering Management, Prince Sultan University, Riyadh P.O. Box 66833, Saudi Arabia

* Authors to whom correspondence should be addressed.

Land 2022, 11(12), 2240; <https://doi.org/10.3390/land11122240>

Received: 16 October 2022 / Revised: 15 November 2022 / Accepted: 16 November 2022 /

Published: 8 December 2022



Environmental education collaborate with NGO & Collaborate with NGOs on climate adaptation

Understanding Sustainable Development Goals: ACT NOW!

On Wednesday, December 7, 2022, the Centre for Sustainability and Climate (CSC) organized a session for PSU students called "Understanding Sustainable Development Goals and its Relation to Saudi Vision 2030" in collaboration with their strategic partner United Nations Global Compact (UNGC) Saudi Network. This session's goal is to examine how students may participate in SDG efforts to support Saudi Vision 2030 and have a better grasp of all 17 SDGs. An international roadmap for peace and prosperity for people and the earth, both now and in the future, is provided by the United Nations 2030 Agenda for Sustainable Development, which was accepted by all UN Member States in 2015. The 17 Sustainable Development Goals (SDGs), which are an urgent call to action for all nations—developed and developing—in a global partnership, are at the center of it.



United Nations Global Compact Network Saudi Arabia forms a strategic partnership with Prince Sultan University to advance the UN's 2030 Agenda

Through higher education institutions, the collaboration hopes to advance UN's 2030 Agenda more effectively. The UNGC aims to facilitate sustainability in the business sector through a number of initiatives. Additionally, UNGC strives to close the knowledge gap among Saudi youth as well as educate them on responsible business behavior and promote a practical understanding of diligent corporate management by partnering and collaborating with academic institutions like PSU, which is also in line with Vision 2030.

Commitment to carbon neutral university

Prince Sultan University is partnering with Climate Impact Partners, an expert in carbon market solutions for climate action, to earn CarbonNeutral® certification. The university had an independent evaluation of the greenhouse gas emissions created by the 5000 tonnes of CO2e covered by certification. The first Saudi university to pledge net zero carbon university by 2060 will be at Prince Sultan University. The race to zero for universities and colleges campaign is jointly managed by EAUC, Second Nature, and UN environment. The University also has CSC (Prince Sultan University Center for Sustainability and Climate), which is the first student SDG Club in Saudi Arabia with University Prince Sultan. Together with Prince Sultan University, Jahez plants 500 trees in an effort to cut carbon emissions and meet sustainability goals.

jahez

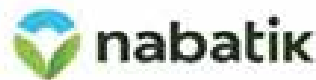


جاهز تزرع 500 شجرة بالتعاون مع جامعة الأمير سلطان
لخفض الكربون و تحقيق مستهدفات الاستدامة

JAHEZ PLANTS 500 TREES IN COOPERATION WITH PRINCE SULTAN UNIVERSITY
TO REDUCE CARBON EMISSIONS AND ACHIEVE SUSTAINABILITY GOALS

Tuesday - الثلاثاء (28th February - فبراير)

12:00-15:00





Life below Water

LIFE BELOW WATER

Healthy oceans and seas are very important to our healthy life and a healthy environment. Although this aquatic space is covering 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 all marine life around the world.

The academic institutions and academia can play an important role in raising awareness and conducting campaigns to stop harming the aquatic space. The research should target reducing the pollution and restoring the ecosystem by reducing ocean acidification and this is done through cooperation at all levels. Joint efforts should be put to reduce and to regulate overfishing.

The University should encourage scientific research, knowledge, and technology to protect oceans and seas health. The implementation of sea law and the introduction of the sea law in the 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 living better and to stay healthy

Research and Data Collection

Researchers at PSU have conducted research related to marine life, sustainable fisheries, ocean health, and other relevant topics and have collected data on the state of local marine ecosystems and the impact of human activities. Here are some of the published research papers from PSU authors on SDG 14.

Influence of graphene oxide on the toxicity of polystyrene nanoplastics to the marine microalgae *Picochlorum* sp.

Gamze Yesilay, Layla Hazeem, Mohamed Bououdina, Damet Cetin, Zekiye Suludere, Alexandre Barras & Rabah Boukherroub

Environmental Science and Pollution Research 29: 75870–75882 (2022) | [Cite this article](#)

340 Accesses | [Metrics](#)

Abstract

Graphene oxide (GO) features distinctive physical and chemical characteristics; therefore, it has been intensively investigated in environmental remediation as a promising material for clean-up of soil contamination and water purification and used as immobilization material. Plastic is a widespread pollutant, and its breakdown products such as nanoplastics (NPs) should be evaluated for potential harmful effects. This study is aimed to evaluate the influence of GO on the toxicity of polystyrene (PS) NPs to the marine microalgae *Picochlorum* sp. over a period of 4 weeks. The capability of GO to reduce the toxic effects of PS NPs was assessed



Order Article Reprints

Open Access Article

Performance Evaluation of Routing Protocols for Underwater Wireless Sensor Networks

by Taj Rahman¹, Irfan Ahmad¹, Asim Zeb², Inayat Khan³, Gauhar Ali^{4*} and Mohammed ElAff

- ¹ Department of Physics, University of Science & Information Technology, Peshawar 25000, Pakistan
 - ² Department of Computer Science, University of Science & Information Technology, Peshawar 25000, Pakistan
 - ³ Department of Computer Science, University of Engineering & Technology, Mardan 23200, Pakistan
 - ⁴ EIAS Data Science and Blockchain Lab, College of Computer and Information Sciences, Prince Sultan University, Riyadh 11586, Saudi Arabia
- * Author to whom correspondence should be addressed.

J. Mar. Sci. Eng. 2023, 11(1), 38; <https://doi.org/10.3390/jmse11010038>

Received: 1 December 2022 / Revised: 22 December 2022 / Accepted: 25 December 2022 / Published: 28 December 2022

(This article belongs to the Special Issue Underwater Wireless Communications and Sensor Networks Technology)







ELSEVIER



Ocean responses to Shaheen, the first cyclone to hit the north coast of Oman in 2021

Rahma Al Nadhairi^a, Ali N. Hassan^b, Amal Abdelsattar^c  , Gerd Bruss^d, Suleiman Al Akhazami^a




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<https://doi.org/10.1016/j.dynatmoce.2023.101358> 

IK

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Open Access Article

Adsorption of Cr(VI) by Mesoporous Pomegranate Peel Biowaste from Synthetic Wastewater under Dynamic Mode

by  Yassira Boutaleb¹,  Radia Zerroum²,  Nadia Bensid¹,  Rasha A. Abumousa^{3*} ,  Zhou Hattab¹ and  Mohamed Bououdina³

 Zhou Hattab

tion of Industrial Wastes, Department of Chemistry, Faculty of Annaba 23000, Algeria

ir and Environment, Department of Material Sciences, Faculty of med-Cherif Messadia, Souk Ahras 41000, Algeria

³ Department of Mathematics and Sciences, College of Humanities and Sciences, Prince Sultan University, Riyadh 11585, Saudi Arabia

* Author to whom correspondence should be addressed.

Water 2022, 14(23), 3885; <https://doi.org/10.3390/w14233885>

Received: 29 October 2022 / Revised: 18 November 2022 / Accepted: 22 November 2022 / Published: 28 November 2022

(This article belongs to the Special Issue Advances in Wastewater Treatment Processes)

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Versions Notes



Educational Programs

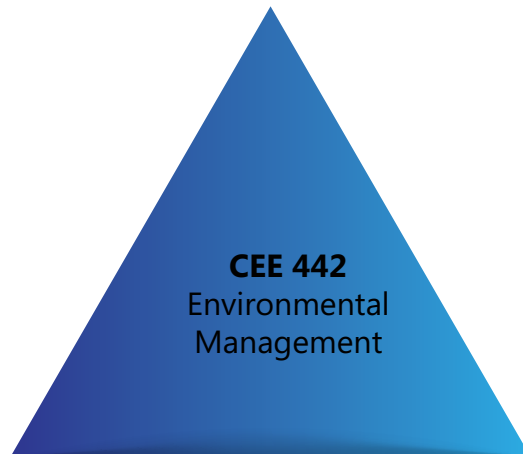
Following are a few of the educational programs related to environmental conservation and sustainable management of water.



CEE 447 Groundwater Engineering

Fundamental science of hydrogeology, the study of the distribution and movement of water through geologic formations, i.e. soil, sediments, and rocks. The mathematical models of fluid flow in porous media and methods for solving these equations (e.g., analytical, numerical, and statistical approaches). Practical groundwater engineering problems: characterizing the subsurface using aquifer tests, transport and remediation of contaminants, and innovations in groundwater management, as time permits.

Credits: 3 (3,0,0) Prerequisite: CEE 341



CEE 442 Environmental Management

This course surveys the scientific principles of environmental issues and environmental management practices, with attention to the health of both humans and the ecosystem. Fundamental and emerging topics related to air and water pollution, water use and management, aquatic ecosystems, energy and climate change, biodiversity, toxic substances in the environment, solid waste management, and regulatory strategies for risk assessment and environmental management are examined. The course will critically examine contemporary thinking on these environmental themes including: sustainable use practices, political-ecology, decentralized environmental management, and community-based approaches, social learning, and regional and urban planning.

Credits: 3 (3,0,0) Prerequisite: Senior Level Standing



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.

Understanding Sustainable Development Goals: ACT NOW!



The Center for Sustainability and Climate (CSC) hosted a workshop along with their strategic partner United Nation Global Compact (UNGC) Saudi Network titled by "Understanding Sustainable Development Goals and its Relation to Saudi Vision 2030" for the PSU students on Wednesday, December 7, 2022.

Prince Sultan University is the first Saudi University to pledge net zero carbon university by 2060

Official Race to Zero Signatory

We are part of the Race to Zero and are leading the education sector for a healthy and resilient zero carbon recovery in the lead up to COP26!



1094
Institutions
involved

10,634,957
Students
represented

RACE TO ZERO



PepsiCo and Prince Sultan University activate first student led competition following MoU signing last year

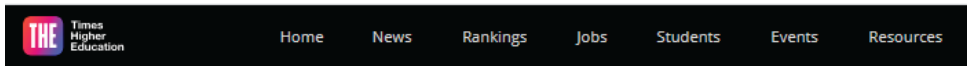
SAUDI ARABIA, 23 March 2023 - Following the memorandum of understanding (MoU) signed in September 2022, PepsiCo, the leading food and beverage company in the region, and Prince Sultan University (PSU) have activated their first phase of student competitions, with winners announced last Monday.



- The MoU signed by both entities activated their first student competition with winners receiving cash prizes worth up to eight thousand Saudi Riyals.
- Through the strategic partnership, PepsiCo and PSU will ensure the campus achieves its target for the Zero Waste Initiative.

Creating an ecosystem around higher education to promote sustainability

PSU is committed to promoting the UN's SDG 2030 agenda as part of its own institutional strategic plan in support of Saudi Arabia's Vision 2030 framework. The Vision 2030 initiative calls on organisations – both private and public – to empower, nurture and inspire young Saudi citizens to fully realise their potential as part of the country's ongoing formative action to combat the climate crisis and its impacts.



Global Sustainable Development Congress > 2022: Creating an ecosystem around higher education to promote sustainability

2022: Creating an ecosystem around higher education to promote sustainability

Displaced people and refugees are the important agenda for inclusive SDGs - Discussing UNEP YEA! Global Summit 2022

Prince Sultan University is the First Saudi University to Pledge Net Zero Carbon University by 2060. Race to Zero for Universities and Colleges campaign is run in partnership with EAUC, Second Nature and UN Environment. EAUC are the secretariat. Being part to this campaign Prince Sultan University has been added to the UNFCCC Race to Zero campaign.

Net Zero Emission and Transition Towards Climate-Neutral Economies: The Role of Higher Education and Saudi Vision 2030

United Nations Sustainable Development Goals and Climate Week 2022



NET ZERO EMISSION AND TRANSITION TOWARDS CLIMATE-NEUTRAL ECONOMIES: THE ROLE OF HIGHER EDUCATION AND SAUDI VISION 2030

23 March 2022
12:00 PM (GMT+3)

Agenda

Global Distinguished Speakers

| | | |
|--|---|---|
|  Professor Wendy Parcell Harvard T.H. Chan School of Public Health, Harvard University, United States |  Professor Nora Clifton Program Director of the MSc Global Business School for Health (GSBH), University College London (UCL), United Kingdom |  |
|  Ms. Marietta Triggitt Henry Jackson Centre for Energy, Environment and Development (HJCEED), Riyadh, Saudi Arabia |  Mr. Muneef Handigani Swajtham Co-founder & Executive Director, Strategy Research Institute for Decarbonisation (SRID), London, United Kingdom |  Mr. John Patten CEO, 2021 Top Pioneer for Sustainability Leadership in Academia, United Kingdom |
|  Ms. Flana Goodhart Deputy CEO, IAGU & Governance for the Built-up for Universities and Colleges |  Mr. Ramiro Fernandez Director, Climate Change Youth Collaborative Network, Commonwealth Climate Change (CCN) |  Dr. Ahmad S. Yarnal President, Prince Sultan University, Saudi Arabia |
|  Professor Mohammed Maramba Dean, UIC, PISA, CASE, CAS, FUL, PUN, UN, Asia for the President and Chair in Accounting, Prince Sultan University |  Mr. Tariq Alshayeb Associate Professor, Program Director, UICP, Global Business Program, Prince Sultan University |  Mr. Shaheer Bhatt Chief Data Officer, The Times Higher Education, United Kingdom |



PSU College of Architecture and Design: built with sustainability at its heart

The College of Architecture and Design at Prince Sultan University has a sharp focus on national and global sustainability goals, with students and researchers embedding this in their work from inception to creation.

THE Times Higher Education Home News Rankings Jobs Students Events Resources

Prince Sultan University > PSU College of Architecture and Design: built with sustainability at its heart

PSU College of Architecture and Design: built with sustainability at its heart



جاهز تزرع 500 شجرة بالتعاون مع جامعة الأمير سلطان
لخفض الكربون و تحقيق مستهدفات الاستدامة

JAHEZ PLANTS 500 TREES IN COOPERATION WITH PRINCE SULTAN UNIVERSITY
TO REDUCE CARBON EMISSIONS AND ACHIEVE SUSTAINABILITY GOALS

Tuesday - الثلاثاء (28th February - فبراير)
12:00-15:00



PSU x Jahez Initiative

Together with Prince Sultan University, Jahez plants 500 trees in an effort to cut carbon emissions and meet sustainability goals.

Sustainable Waste Management, Prevention and Disposal Policy

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.

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

| | |
|-------------------------|--|
| Policy Code: | GV0016 |
| Policy Name: | Sustainable Waste Management, Prevention and Disposal Policy |
| Handler: | PSU Maintenance Department |
| Date Created: | 15 July 2020 |
| Date of Current Review: | 15 August 2020 |
| Approved by: | University Council |
| Date of Approval: | 02/09/2020 |



100





Peace,
Justice
and Strong
Institutions

PEACE, JUSTICE AND STRONG INSTITUTIONS

University Governance Measures

Prince Sultan University's measure in governance includes an elected representation on the university's governing body and recognition of a students' 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.

Student Council Activities and Initiatives for the Academic Year 2022/2023



Elected Representation and Student union (Student's council)



The students' council is a core pillar for PSU. It is an elected council with a wide range of activities and authorities. Additionally, elections for the Student Council are held annually with the main focus on diversity and overall representation. The Student Council is committed to academic excellence and scholarship, community service, integrity, and leadership.

The Thirteenth Student Council

| Title | College ID | Name | |
|--------------------------------|------------|----------------------------|----|
| President (Female Campus) | 221410252 | Raghad Alrakaf | .1 |
| Vice President (Female Campus) | 219410106 | Mariam El-Husseini | .2 |
| Member | 221410368 | Sofiya Shekh | .3 |
| Member | 220511426 | Norah Alahmari | .4 |
| Member | 221410484 | Judy AlOtaibi | .5 |
| Member | 219510963 | Joory Alhesan | .6 |
| Member | 220410282 | Safiyya Mohamed | .7 |
| Member | 219410373 | Dalal Albaiz | .8 |
| Member | 219410309 | Mahd Althunayan | .9 |
| Member | 220410035 | Ayat Abodayeh | 10 |
| Member | 220410462 | Aljazi Alahaidt | 11 |
| President (Male Campus) | 219110127 | Mohammed Fahad Alsultan | 12 |
| Vice President (Male Campus) | 219110498 | Abdullah Mohammed Alsugair | 13 |
| Member | 220211263 | Khaled Shuwaish Aldhowaihy | 14 |
| Member | 220110243 | Ahmad Jamal Alajaji | 15 |
| Member | | Khaled Rajaie Abu-Oudah | 16 |
| Member | 220110634 | Rami Haian Besmar | 17 |
| Member | 219110053 | Abdullah Muteb Alwabry | 18 |
| Member | 221111309 | Saud Ali Almubacdel | 19 |
| Member | 214111001 | Fahad Mohammed Albulaha | 20 |
| Member | 219210981 | Faisal Bandar Almasoud | 21 |
| Member | 222110103 | Bader Saif Alsa:f | 22 |



Compliance Committee and Compliance College Representatives - Compliance and Policies Office

Through the Compliance and Policies Office, Compliance Committee is being formed as well as Compliance College Representatives which deals with ensuring that their colleges follow all Rules and Regulations, gather information related to compliance and risks, and measure the progress on existing compliance risks.



Our commitment to acting with integrity in all situations is crucial for us as the PSU Compliance and Policies Office to guarantee the trust of the PSU community, the stakeholders, and the society in general.

Dr. Emna Chikhaoui, Senior Manager,
Compliance and policies office



Student Council Activities and Initiatives

The students' Council organizes many activities to assist the other students to help them through their journey in PSU. They have orientation programs for the freshly enrolled students. Besides, they have a mentor program called "mentor brother" to assist the students in their major. The Student's Council also organizes an information session to help the students understand the university environment. Besides, they organize other events to raise awareness on the environment protection Such as "the Green World Program".

Compliance Committee

Dr. Emna Chikhaoui, Chair/Senior Manager

Ms. Huda Alyemni, Compliance Committee Coordinator/Coordinator, HRO - CW

Dr. Azlinor Sufian, Member/CL Faculty

Dr. Farida Saleem, Member/CBA Faculty

Dr. Walaa Wmetwally, Member/Associate Director, TLC/CAD Faculty

Dr. Yasir Javeed, Member/CCIS Faculty

Mr. Mujahid Latif, Member/Coordinator, Recruitment Office

Mr. Bryan Morales, Member/Associate Director, EAAC - MC

Mr. Ahmed Morshed, Member

Ms. Shahad Alqahtani, Member

Compliance College Representatives

Dr. Emna Chikhaoui

Dr. Diaalhaq A. Zeglat, Faculty of CBA

Dr. Syed Umar Amin, Faculty of CCIS

Dr. Moustafa Nasralla, Faculty of CE

Dr. Amal Abbas, Faculty of CAD

Ms. Misbah Saboohi, Faculty of CL

Ms. Suhad Subhi, Faculty of CHS



Identify and Engage with Local Stakeholders

Stakeholders Involvement Policy

The Colleges and the Departments established an "Advisory Board" (AB), which is a selected group of experts representing industry and society. Thus, A policy is created to provide guidelines for establishing the (AB) to help develop and maintain a strong partnership between PSU and relevant constituencies to improve the quality of the academic programs, and address the different needs of the jobs market.

Prince Sultan University PSU
Policy Management System
Stakeholders involvement policy

| | |
|-------------------------|---------------------------------|
| Policy Code: | GV0012 |
| Policy Name: | Stakeholders involvement policy |
| Handler: | Academic Affairs |
| Date Created: | 15 July 2020 |
| Date of Current Review: | 15 August 2020 |
| Approved by: | University Council |
| Date of Approval: | 02/09/2020 |



Participatory Bodies for Stakeholder Engagement

CBA Advisory Board/Industrial Board

In an attempt to improve the CBA programs and provide the markets with qualified and skilled graduates, The CBA Council is advised by the CBA Industrial Advisory Board, which consists of business, government, and academic leaders as well as alumni from a cross-section of industries, government bodies, and higher education institutions in KSA. The Advisory Boards (AB) provide support and advice to academic programs, assist in the development of new programs, and identify best practices standards. They help the programs designers to be at the level of the job market expectations.



Dr Ahmed Al-Meghames
CEO- Saudi
Organization for
Certified Public
Accountants



Mr. Khalid Mahdhar
Partner,
PricewaterhouseCoopers
(PwC)



Mr. Abdulaziz A. AlSowailim
Chairman of the Board
Chief Executive Officer,
Ernst & Young MENA
Region



Mr. Faisal AlSaber AlHemali
CEO, STC Solutions



Eng. Moaeed H. Alsaloom
CEO, Saudi Civil
Aviation Holding Co.



Mr Sylvain Cote
Senior Economist and
Corporate Advisor,
Strategy & Market
Analysis, Aramco



Eng. Sami Omar Al Hussayen
CEO, HUED, Saudi
Arabia



Professor Branko Ljutich, PhD, MA, BA, CA, CPA
Principal - Partner.
Audit & Assurance at



College of Law Signs MOU with Al-Tamimi & Co

The College of Law signed a memorandum of understanding with Al-Tamimi & Co. on Tuesday, October 10th, 2022. The agreement aimed to achieve the common goal between the two parties in the field of legal education and training to apply theory to practice in reality. It also aimed to fully master the legal profession and legal work, and enable the students afterwards to practice the occupation professionally in the future. The Memorandum was signed by Dr. Abdulaziz Al-Tuwajri, Dean of College of Law, on behalf of the College of Law, and Mr. Abdulaziz Al-Tamimi, the company's co-owner on behalf of "Al-Tamimi & Co". It is worth noting that Al-Tamimi & Co is a leading full-service firm in the Middle East and North Africa, with regional knowledge and global reach with 17 offices in 10 countries and more than 350 lawyers.



University Principles on Corruption and Bribery

Principles and Commitments on Organized Crime, Corruption & Bribery

It is the PSU policy to conduct all our professional duties in an honest and ethical manner. We take a zero tolerance approach to bribery and corruption and we are committed to acting professionally, fairly and with integrity in all teaching and learning and research tasks. The policy intends to identify and to fight the different forms of corruption that have adverse effect on the institution.



Compliance and Policies Office

Prince Sultan University (PSU) is committed to fostering an institution that values compliance with rules, regulations and policies including the anti corruption and bribery policy. The Compliance and Policies Office that has been established recently. Besides, the Compliance policies are within the continuous efforts of PSU to build a strong compliance program, which includes creating and maintaining a healthy environment for students, faculty and staff by ensuring the efficient use of the University's resources and improving performance efficiency.

Academic Freedom Policy

The policy refers to the academic freedom inside the academic institutions. PSU faculty and students are free to inquire, to study, and to evaluate. The academic freedom in teaching and learning and research will serve the academy and the long-term interests of the society and will lead to the advancement of knowledge.



PSU Researchers List

Through the Research and Initiatives Center information on all PSU active researchers, research labs or groups, college, research interests, and their members are readily accessible on the center website. PSU faculty and researchers as well as external collaborators from different backgrounds can view and collaborate with the university. Senior academics are free to undertake a variety of national and international research projects.



Announcement on Q3 2022 Research Statistics

We are pleased to share PSU's research achievements for the third quarter of 2022. Comparing with data from Q2: Scopus publications increased by 64%, COVID-19 publications increased by 9%, and the number of active researchers increased by 24%. Senior academics are free to undertake a variety of national and international

ASSCL LAB

Research excellence is integral to Prince Sultan University's (PSU) culture. The PSU Automated Systems & Soft Computing Lab (ASSCL) provides research activities, trainings and workshop for all faculty to join and collaborate. The lab also provides consultation services to the academia, industry, and institutions to develop real applications and solutions related to research themes



PSU Researchers in Stanford's World's Top 2% Scientists List

In October 2022, Stanford University included 9 researchers from the university for their long-term professional impact and another 23 researchers for their scientific impact during the past year in two lists that ranked the world's top 2% of scientists. The database, created by experts at Stanford, is based on data from Elsevier's Scopus database. The database includes the top 2% of scientists in 22 scientific fields and 176 subfields and provides standardized information on citations, h-index, coauthors hip-adjusted hm-index, citations to papers in different authorship positions, and a composite indicator.



The Research & Initiatives Center congratulates PSU researchers for being featured in

Stanford's World's Top 2% Scientists List 2022!

9 researchers featured for their **Career-Long Achievements**

26 researchers featured for the **Single-Year Achievements**



Research Freedom for Junior Academics Undergraduate Research Forum

The 7th Undergraduate Research Forum (URF7) was held on December 4 - 5, 2022 at Prince Sultan University. The event provided an excellent platform for students to share their research work in different disciplines including computer science, engineering, business administration, Arabic and English studies, architecture, law, sciences, and medical sciences. Each student or group is supervised by a faculty member in doing their research. This year, the forum attracted 101 submissions from eight Saudi universities and 80 papers, posters, and abstracts were accepted with a total of 249 participating students.

107

SUSTAINABLE DEVELOPMENT GOALS

رؤية
VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

جامعة الامير سلطان
PRINCE SULTAN
UNIVERSITY
PSU 1998

Announcement on the College Research Directors and Core Research Labs

Information about the College Research Directors and Core Research Labs was announced to all faculty members at PSU that will allow faculty members from each college to know their research representatives as well as be familiar with the university research laboratories.

Research & Initiatives Center – College Research Directors* & Core Research Labs

*From September 1, 2022 until August 31, 2023



| | | | | |
|--|--|---|---|--|
| College of Computer & Information Sciences (CCIS) | College of Humanities & Sciences (CHS) | College of Engineering (CE) | College of Business Administration (CBA) | College of Law (CL) |
| College Research Director | College Research Director | College Research Director | College Research Director | College Research Director |
| Dr. Yasir Javed @: yjaved@psu.edu.sa T: +966 (11) 494 8287 | Dr. Elham Dannoun @: edannoun@psu.edu.sa T: +966 (11) 494 8230 | Dr. Basel Sultan @: basel.sultan@psu.edu.sa T: +966 (11) 494 8045 | Prof. Izani Ibrahim @: profizani@psu.edu.sa T: +966 (11) 494 8536 | Dr. Shafiqul Hassan @: shassan@psu.edu.sa T: +966 (11) 494 8138 |
| Research Labs | Research Labs / Groups | Research Labs / Groups | Research Lab | Research Lab |
| | | | | |
| | | | College of Architecture & Design (CAD) | Research & Initiatives Center |
| | | | College Research Director | Contact Details |
| | | | Dr. Wafa Labib @: wlabib@psu.edu.sa T: +966 (11) 494 8356 | https://ric.psu.edu.sa/research@psu.edu.sa@ric_psu |
| | | | Research Lab | Prof. Anis Koubaa (Director): +966 (11) 494 8138 Dr. Iman Almomani (Associate Director): +966 (11) 494 8311 Mr. Abdulrahman Yassin: 8749 Mr. Mohamed Al-Halabi: 8745 Ms. Rahaf Haj Aissa: 8326 |
| | | | | |

The President's Distinguished Teaching Award

UPDATED GUIDELINES

Prince Sultan University acknowledges excellence in teaching and learning practices through the Outstanding Teaching Awards for each college and one President Distinguished Teaching Award per academic year. The winners at the College level will receive a crystal apple and a certificate and the winner of the President's Award will receive an additional award of 25,000 SAR.



Teaching Freedom for Senior Academics - PSU Teaching Award

Prince Sultan University will bestow one President's Award for Distinguished Teaching per academic year. In addition, each college will have an opportunity to have a member receive a PSU award for outstanding teaching --a maximum of 6 awards can be granted. Each winner will receive a crystal apple and certificate. The overall winner of The President's Award will receive a cash prize of 25,000 SAR.

College of Law Provides Bootcamp for the Public Sector and Academia

The college of law faculty invited K2integrity company to provide a workshop for the students, academia and public sector on Compliance in Financial Crimes on 6-8th February 2023 between 3.00 pm and 7.00 pm at the university's headquarters.

The banner features the TLC (Teaching & Learning Center) logo on the left and the Coursera logo on the right. The text in the center reads: "Partnership announcement" and "PSU is Happy to announce its new partnership with Coursera". The background is a dark blue gradient with a white puzzle-piece shape in the center.

PSU partnership with Coursera the leading platform in online learning

In order to provide teaching alternatives at PSU, as well as faculty professional development, PSU announces its partnership with Coursera the leading platform in online learning.



تمنن كلية القانون عن الطلاق دورة تدريبية بعنوان:
برنامج التدريب على الامتثال للجرائم المالية
للقطاع العام والقطاعات الأكاديمية



The banner features a dark background with a person's hands holding a document. The text reads: "The College of Law is pleased to announce the launch of a boot camp titled: Financial Crimes Compliance Boot Camp for the Public Sector and Academia".

Teaching Freedom for Junior Academics Certificate Program (HETLCP)

Higher Education Teaching and Learning Certificate Program (HETLCP). This program aims to expose faculty members to many aspects, strategies, and newer modes of teaching and learning, and to become more aware of the complexities of "teaching effectiveness," and of articulating and achieving "Learning Objectives." It also aims to explore and advance an informed and critical understanding of different scholarly approaches to learning, teaching, and assessment practices. The ultimate goal of the program is to provide faculty members with an environment in which to advance innovative and creative approaches to academic practice and to encourage focused and critical reflection on teaching through developing the participants' ability to evaluate their academic practice critically.



Writing and Tutoring Center

The Writing and Tutoring Center (WTC) is a newly founded center offering academic services and support to undergraduate, graduate students, faculty members and admins at Prince Sultan University as well as researchers and external guests from outside the university. The WTC's services vary from assisting students in understanding their course material and enhancing their writing skills to helping students better comprehend academic integrity and avoid plagiarism. The WTC will be offering services in English and Arabic.



Statistics [Apr. 22- Sep. 23]



ChatGPT Training Specialization



Through the leadership of Dr. Anis, Director of Research and Initiative Center, provides a training course to all faculty and students about ChatGPT.



Working with Government

The university works hand in hand with the government to provide expert advice and outreach at the 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.

Provide Expert Advice to Government

Prince Sultan University participates in the Innovation and Modern Technologies Forum hosted by the Ministry of Environment, Water, and Agriculture



Prince Sultan University recently took part in the Innovation and Modern Technologies Forum. The conference, inaugurated His Excellency the Vice Minister of Environment, Water, and Agriculture, Eng. Mansour bin Hilal Al-Mushaiti, was held at the Ministry of Environment,

Water, and Agriculture in Riyadh on Sunday, November 20, 2022. The goal of the event was to highlight the importance of innovation and localization of new technologies in the environment, water, and agricultural sectors as a way for the kingdom to develop water and food security as well as environmental sustainability.

United Nations Global Compact Network Saudi Arabia forms a strategic partnership with Prince Sultan University to advance the UN's 2030 Agenda

Strategic partnership between the United Nations Global Compact Network - Saudi Arabia and Prince Sultan University signifies a commitment to advancing sustainability, promoting responsible business practices, and preparing students to become future leaders in sustainable development. The collaboration will provide tangible solutions to combat sustainability challenges and contribute to the achievement of the SDG 2030.



Prof. Anis Koubaa Delivers a Talk Titled Artificial Intelligence & Drones for Smart Cities: Technology Localization at the Saudi International Artificial Intelligence & Cloud Expo 2022

Prof. Anis Koubaa, Director of RIC and Leader of the Robotics and Internet-of-Things Lab, delivered a speech titled Artificial Intelligence & Drones for Smart Cities: Technology Localization at the Saudi International Artificial Intelligence & Cloud Expo 2022. Prof. Anis, who was appointed as the Executive Director of the Innovation Center at PSU in May, began his speech by stating the importance and benefits of developing technology locally. He then shared with the audience the different kinds of solutions that he and his team have built in his research lab located in Prince Sultan University.



Prince Sultan University forms a partnership with Higher Education Sustainability Initiative (HESI), United Nations



Prince Sultan University's Center for Sustainability and Climate (CSC) forms a partnership with Higher Education Sustainability Initiative (HESI), United Nations with the aims of its strong commitment towards achieving Sustainable Development Goals.

Prince Sultan University joins the National Network of Intellectual Property Support Centers



Prince Sultan University and the Saudi Authority for Intellectual Property signed a service agreement to establish an Intellectual Property Support Center (TISC) at the university with the aim of building capacities and the

empowering beneficiaries of intellectual property services. The agreement was signed during the International Conference and Exhibition for Education that took place from May 8 until 11, 2022, in the presence of His Excellency the President of the University, Dr. Ahmed bin Saleh Al Yamani, and His Excellency the CEO of the Commission, Dr. Abdulaziz bin Muhammad Al Suwailem.

Policy- and Lawmakers Outreach and Education “Global Deals from the Practitioner’s Perspective” program

A program on global deals from the practitioner’s perspective was presented by 16 legal and strategic experts from the Public Investment Fund (PIF), Under the supervision of Mr. Henry Mcham. The course included talking about several aspects related to merger and acquisition deals and all their stages, the most prominent legal rules that the practitioner must pay attention to, the guarantees, agreements and conditions related to international deals, methods of communication in international deals and the legal lines that must be familiar with, and the most prominent legal rules regulating this aspect. The tasks that a litigation lawyer in international deals must be familiar with, the necessary skills in litigation and their difference from arbitration, global powers and disputes and their impact on international deals, and the main and permanent structure of the legal advisor and its importance.



The King Salman Relief Center organizes a session on “The Important Role of Saudi Youth in Addressing Food Insecurity in the Middle East and North Africa Region”



The King Salman Humanitarian Aid and Relief Center organized a dialogue session entitled “The Important Role of Saudi Youth in Addressing Food Insecurity in the Middle East and North Africa Region,” in cooperation with the World Food Program, at Prince Sultan University in Riyadh. The session aimed to bring together actors in the humanitarian and relief field, including regional organizations, non-governmental organizations, United Nations agencies, technical experts and academic researchers, in order to benefit from the common experiences of leading international humanitarian actors working on the field in countries witnessing conflicts, in addition to discussing The impact of food insecurity in the Middle East, the World Food Program’s response to this crisis, and the critical role of the next generation of Saudi leaders to confront this challenge.

Center for Local Governance

The Local Governance Center at Prince Sultan University, together with the Riyadh Region Municipality holds a place-making workshop in the Al-Wadi neighborhood on Friday, October 28, 2022, in a pioneering experience in participatory design with residents for residential neighborhood gardens.



شارك في تصميم حديقتك
دعوة للمشاركة في فعالية تصميم تشاركي

يسر أمالة الرياض بالتعاون مع مركز الإدارة المحلية دعوتكم للمشاركة في ورشة (صناعة المكان) حيث ستشاركون في عدد من الأنشطة الممتعة التي يتم من خلالها استطلاع آرائكم بشأن التصميم المقترح للحديقة وكذا معرفة مقترحاتكم للفخر بعمل حديقة لئال اعجابكم وتناسب أنشطتكم



حي الوادي بحوار مسجد الفاروق
الجمعة ٢٨ أكتوبر ٢٠٢٢ - ٣ ربيع الثاني ١٤٤٤
من الساعة ٤:٣٠ مساءً - إلى ٨:٣٠ مساءً

RIC Director meets with Tahakom's Vice President of Business and Partnerships

The Director of the Research and Initiatives Center, Prof. Anis Koubaa, recently had the opportunity of meeting with Dr. Ahmad Alsolaim, Vice President of Business and Partnerships at Tahakom to discuss collaboration opportunities with Tahakom, i-be hub, and PSU. Dr. Ahmad Alsolaim is a Board Director, Vice President, and CEO with almost two decades of board-level experience across the private sector with experience in information and communications technologies as well as compliance industries.



Participation in Government Research

Prince Sultan University's Research Labs take part in LEAP

Prince Sultan University made its mark at the second edition of LEAP, a leading technology conference held from February 6-9, 2023, at the Riyadh Front Center for Exhibitions and Conventions. The university joined over 400 national and international tech companies to showcase the latest technological advancements and innovative solutions.



Prof. Anis Koubaa presents a workshop titled Prince Sultan University Experience in Boosting Research, Innovation, and Entrepreneurship at the Sustainable Partnerships Conference

Prof. Anis Koubaa, Director of the Research and Initiatives Center, was invited to present a workshop at the Sustainable Partnerships Conference organized by the Ministry of Education. The conference was held at the Ritz-Carlton in Riyadh from November 23 to 24, 2022, under the patronage of the Minister of Education, Dr. Hamad bin Muhammad Al-Sheikh. The conference featured activities such as dialogue sessions, keynote lectures, and innovation clusters. Visitors also witnessed the launching of research platforms and initiatives and the exhibition of promising technologies and innovations.

Center for Local Governance at Prince Sultan University was honored by the visit of His Excellency the President of the Royal Academy of Administration in the Sultanate of Oman

The Center for Local Governance at Prince Sultan University was honored by the visit of His Excellency the President of the Royal Academy of Administration in the Sultanate of Oman, Dr. Ali Al Lawati, and his entourage, where the aspects of cooperation between the two parties were reviewed and the studies, research projects, training programs and workshops that the two parties could cooperate in were discussed.



Center for Local Governance



The Center for Local Administration at Prince Sultan University was honored by the visit of His Excellency the Undersecretary for Regional Affairs, Engineer Ahmed bin Talal Nafie, and his entourage, where aspects of cooperation between the two parties were reviewed and what the center could provide in terms of studies, research projects, and training programs were discussed.

Neutral Platform to Discuss Issues

King Salman Relief Center Organizes a Session on "The Important Role of Saudi Youth in Addressing Food Insecurity in the Middle East and North Africa

The King Salman Humanitarian Aid and Relief Center (KSRelief) organized today a panel discussion entitled "The Important Role of Saudi Youth in Addressing Food Insecurity in the Middle East and North Africa" in cooperation with the World Food Program (WFP) at Prince Sultan University in Riyadh.



Governance, National Data Management and Personal Data Protection Forum



The National Data Management Office (NDMO) and the Compliance and Legal Office organized a forum on January 18, 2023, to give an idea about the office and to raise awareness about the main tasks of the NDMO as per its responsibility to

establish policies and standards for developing data governance mechanisms. Data management refers to the process of developing, implementing, and supervising plans, policies, programs, and practices to enable entities to govern data and enhance its value as a unique asset.

"Green Economy and Environmental Protection – Saudi Vision 2030" Forum at PSU

The forum provided a platform for experts and academics to share knowledge and insights on the green economy, environmental protection, and their relevance to Saudi Vision 2030. The discussions covered various aspects, including corporate environmentalism, legal frameworks, academic contributions, and research innovations in energy, water, and the environment. By bringing together diverse perspectives, the forum aimed to contribute to the advancement of sustainable practices in Saudi Arabia and support the country's goals for a greener future.

Graduates in Law and Enforcement Related Courses



Number of graduates

- 686



Number of graduates
from law and enforcement
related courses

- 159

Reference: Academic Year 2022-23



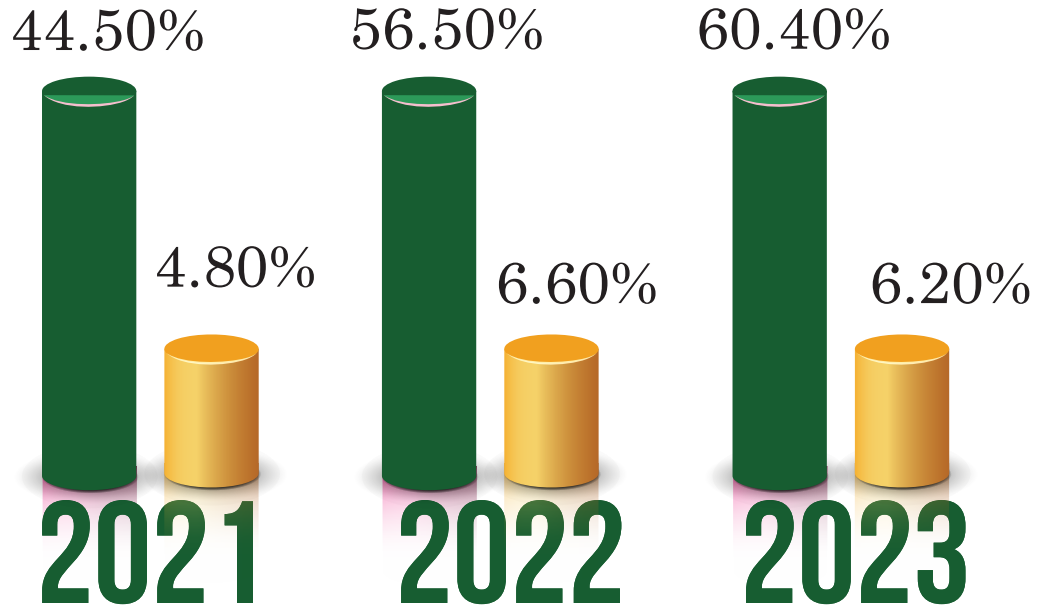
Partnerships for the Goals

PARTNERSHIPS FOR THE GOALS

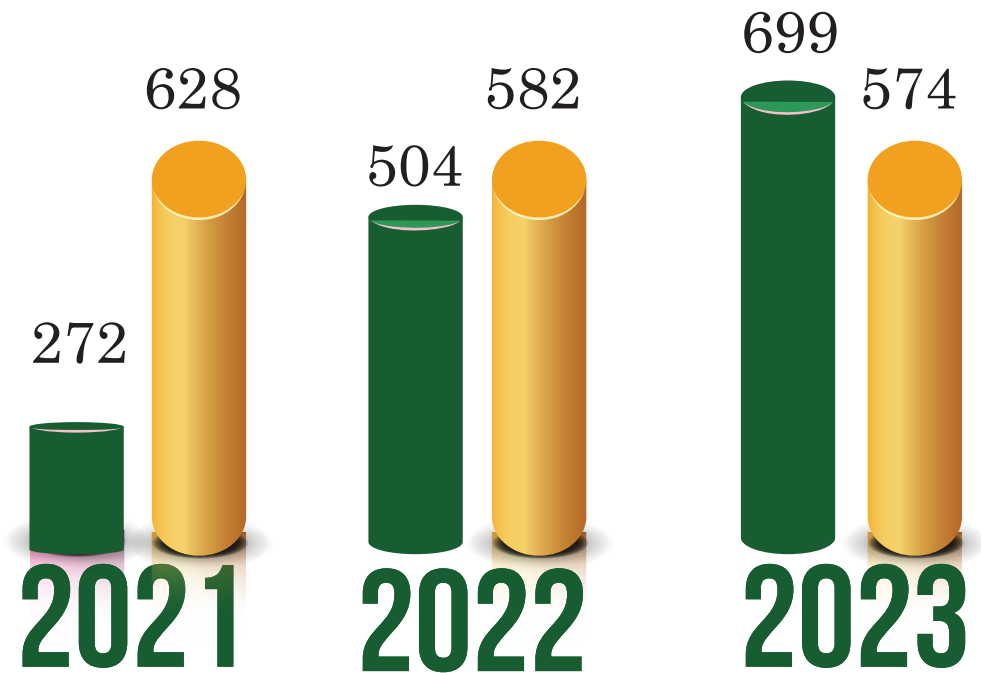
Research Publications of SDG 17

Proportion of output co-authored with low or lower-middle

income countries



Research Publications



Prince Sultan University

Worldwide (median)

Relationships to support the goals

Prince Sultan University forms a partnership with Higher Education Sustainability Initiative (HESI), United Nations. Prince Sultan University's Center for Sustainability and Climate (CSC) forms a partnership with Higher Education Sustainability Initiative (HESI), United Nations with the aims of its strong commitment towards achieving Sustainable Development Goals.



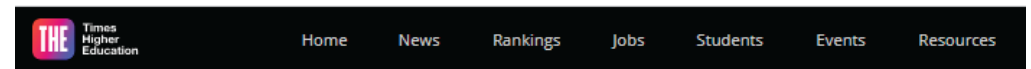
PSU Signed an Agreement with L20 as part of G20 and SNC

On 20 October 2020, Prince Sultan University's (PSU) Global SME Policy Network (GSPN) signed an agreement with the L20 and Saudi National Committee of Workers Committees (SNC). The President of the PSU, Dr Ahmed Yamani welcomed the delegates from the L20.



Creating an ecosystem around higher education to promote sustainability

PSU is committed to promoting the UN's SDG 2030 agenda as part of its own institutional strategic plan in support of Saudi Arabia's Vision 2030 framework. The Vision 2030 initiative calls on organisations – both private and public – to empower, nurture and inspire young Saudi citizens to fully realise their potential as part of the country's ongoing formative action to combat the climate crisis and its impacts.



[Global Sustainable Development Congress](#) > 2022: Creating an ecosystem around higher education to promote sustainability

2022: Creating an ecosystem around higher education to promote sustainability



Understanding Sustainable Development Goals: ACT NOW!

The Center for Sustainability and Climate (CSC) hosted a workshop along with their strategic partner United Nation Global Compact (UNGC) Saudi Network titled by "Understanding Sustainable Development Goals and its Relation to Saudi Vision 2030" for the PSU students on Wednesday, December 7, 2022.



United Nations Global Compact Network Saudi Arabia forms a strategic partnership with Prince Sultan University to advance the UN's 2030 Agenda

The United Nations Global Compact Network - Saudi Arabia, and Saudi Arabia's Prince Sultan University (PSU), signed a memorandum of understanding to form a strategic partnership to advance the UN's 2030 Agenda. The partnership aims to strengthen efforts towards advancing the UN's 2030 Agenda by engaging higher education institutions.



International Conference on Sustainability: Developments and Innovations

On behalf of the conference Committees, you are cordially invited to participate in the technical program of the College of Engineering's most dynamic, informative, inspirational, and innovative 2022 event: International Conference on Sustainability: Developments and Innovations in Riyadh, KSA.



ICSDI 2022

INTERNATIONAL CONFERENCE ON SUSTAINABILITY DEVELOPMENTS AND INNOVATIONS

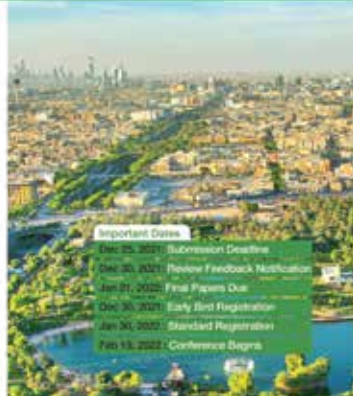
19-22 FEBRUARY 2022 PRINCE SULTAN UNIVERSITY RIYADH, SAUDI ARABIA



CONNECTING TALENT WITH OPPORTUNITY

Tracks & Topics

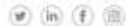
- 1 Manufacturing and Industrial Systems towards Sustainability
- 2 Sustainable Construction Technologies and Materials
- 3 Energy Sustainability: Challenges and Opportunities
- 4 Sustainable Urbanization and Smart Cities
- 5 Sustainability and Built Environment
- 6 Policies, Regulations and Economic Assessments Research 30%



Important Dates

- Dec 25, 2021: Submission Deadline
- Dec 30, 2021: Review Feedback Notification
- Jan 01, 2022: Final Papers Due
- Dec 30, 2021: Early Bird Registration
- Jan 30, 2022: Standard Registration
- Feb 19, 2022: Conference Begins

For more about the conference please visit our website:
<https://www.icstdi22.org/>
 icstdi21@psu.edu.sa



123



New UCL health-focused business school and Saudi business school unite to revolutionise global health

The new UCL Global Business School for Health (GBSH) has recently entered into a Memorandum of Understanding (MOU) with Prince Sultan University in Saudi Arabia, dedicating themselves to working together to improve global health.

New UCL health-focused business school and Saudi business school unite to revolutionise global health

07 Oct 2021 | Network Updates | Update from University College London

These updates are republished press releases and communications from members of the Science|Business Network
 By Communication from UCL



UCL Global Business School for Health (GBSH). Photo: UCL website.

The new UCL Global Business School for Health (GBSH) has recently entered into a Memorandum of Understanding (MOU) with Prince Sultan University in Saudi Arabia, dedicating themselves to working together to improve global health.



PSU Annual Sustainable Development Goals (SDG) Report 2020

PSU annually publish SDG progress report. In addition, we publish report per SDGs to track the progress.



Education for the SDG's

PSU annually publish SDG progress report. In addition, we publish report per SDGs to track the progress.



Speak about the Sustainable Development Goals 2030

Prince Sultan University Toastmasters Reflect and Speak about the Sustainable Development Goals 2030

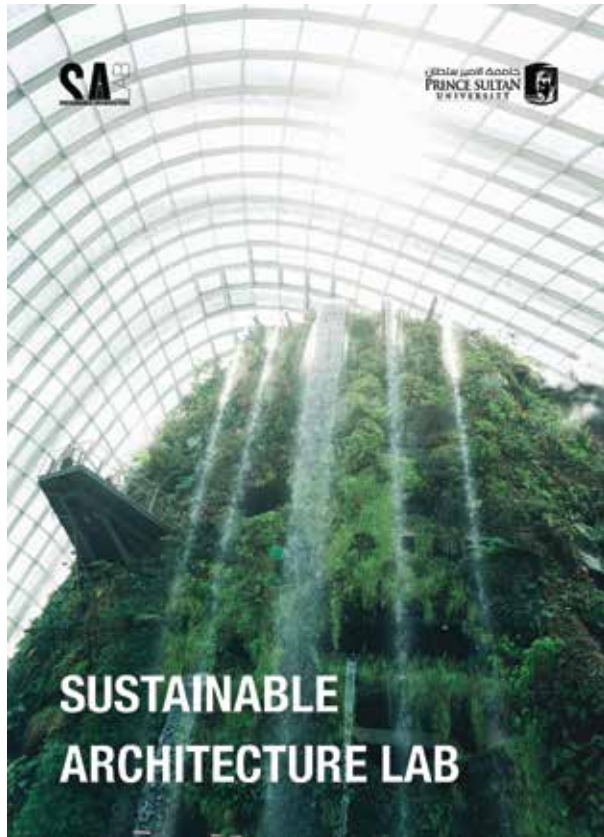


Over 40 students participated in the Prince Sultan University Toastmasters Club meeting about the Sustainable Development Goals (SDG) on November 7, 2021. First, Dr. Tahira Hoke (Club Founder) announced the word of the day as 'Sustainability,' reviewed the definition, and shared PSU's SDG 2030 website.

College of Law has concluded the last lecture of a boot camp entitled, "Financial Crimes Compliance Boot Camp" with the cooperation of K2Integrity



Sustainable Architecture Lab



VISION

The Sustainable Architecture Lab (SA Lab) improves the level of liveability experience in the built environment

MISSION

- > The SA Lab is committed to interdisciplinary, design-led research that enhances the current practice
- > The research of the SA Lab is focused on the challenges that are shaping the planet



The SA LAB operates under the umbrella of the Architecture program. SA research areas align with the Saudi Vision 2030. The team works on several interdisciplinary topics that are vital to Saudi Arabia development and social well-being. It contributes to achieving PSU strategic research directions. These themes are considering an interest in environmental sustainability practices. The S.A. Lab is linked to the College research theme "Design and Built environment" and the Arch Research Roadmap (2019-2024) in the themes "Architecture Design," "Built environment," "Urban Design."

PSU to house innovation center powered by VMware

Prince Sultan University and US digital solutions company VMware have signed a memorandum of understanding to launch an innovation center equipped with VMware software and resources to give students, researchers, and businesses hands-on experience with transformative digital solutions for app modernization, cloud, networking, security, and digital workspace.

Home

PSU to house innovation center powered by VMware

From left, Salf Mashat, country director, Saudi Arabia, VMware, and Dr. Ahmed Yamani, president PSU.

Short Url <https://arab.news/2qa58>

PSU's Prosthetics and Orthotics Center aims to bring mobility to Saudi Arabia's amputees



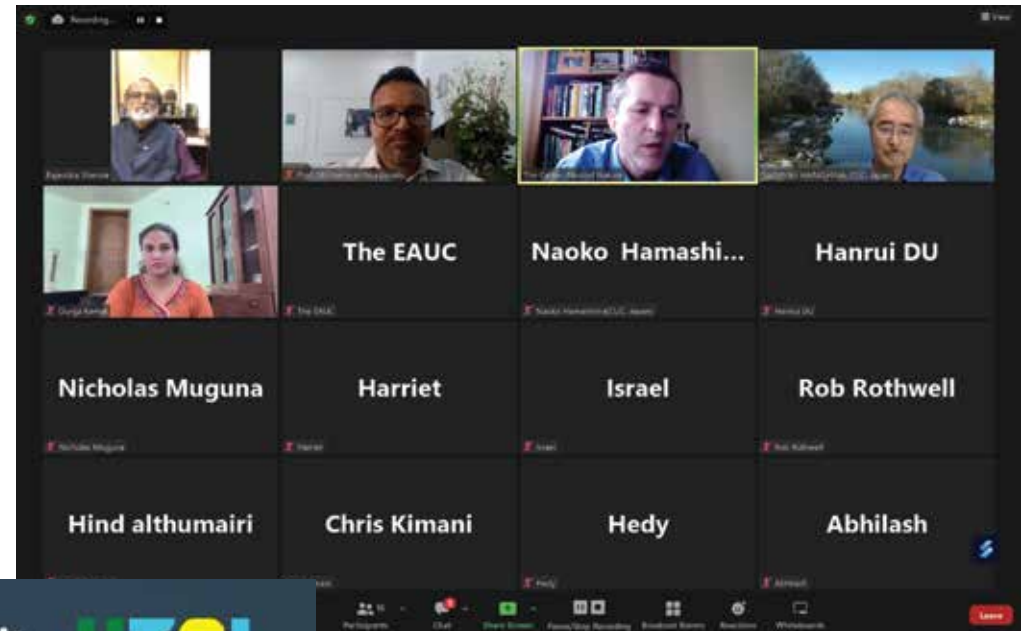
3D printing technology can help build custom-made prosthetics for amputees

In 2018, almost 4,000 people in Saudi Arabia had a lower limb amputated, and more than half of these cases were due to diabetes, according to an article in *Eastern Mediterranean Health Journal*. However, many amputees do not receive rehabilitation services, and amputation often carries a high economic and emotional impact.

An offshoot of Prince Sultan University's Industry 4.0 Center, the Prosthetics and Orthotics Center, run in collaboration with Nia Technologies, aims to use the latest technology to serve people with disabilities, says Abdulhakim Almajid, dean of the College of Engineering at PSU.

Prince Sultan University partners with Coursera to deliver job-relevant, in-demand skills on campus

Displaced people and refugees are the important agenda for inclusive SDGs - Discussing UNEP YEA! Global Summit 2022



BOOK A FREE PLACE: WWW.YEAGLOBALSUMMIT.ORG PARTNERS:

SDG Higher Committee 2022-2023



Dr. Ahmed S. Yamani

President
SDG Higher Committee Chair



Dr. Saad Al-Rwaita

Vice President, Administrative
and Financial Affairs
SDG Higher Committee
Member



Dr. Mohammad Aljibreen

Vice President,
Academic Affairs
SDG Higher
Committee Member



Dr. Heba Khoshaim

Vice President, Female
Campus. SDG Higher Commit-
tee Member. SDG-5 Commit-
tee Chair



Prof. Mohammad Nurunnabi

Aide To The President on Ranking
& Internationalization, Director of
CSC, Chair of Accounting Depart-
ment
SDG Higher Committee Co-Chair,
SDG-17 Committee Chair



Dr. Jolly Sahni

Director of Jubilation Office
SDG Higher Committee
Member,
SDG-8 Committee Chair



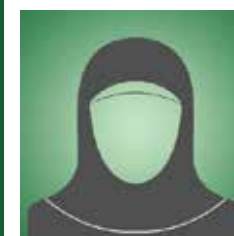
Dr. Emna Chikhaoui

Senior Compliance & Legal Manager,
Acting Director of Policies and Devel-
opment Unit
SDG Higher Committee Member,
SDG-16 Committee Chair



Dr. Dhafer Almakhles

Chair, Communications and
Networks Engineering
SDG Higher Committee
Member, SDG-7 and SDG-13
Committee Chair



Dr. Tahira Hoke

Aide to the President, Director of
the Evaluation and Academic
Accreditation Center (CW)
SDG Higher Committee Member



Dr. Sanjida Haque

Associate Director, Center for
Sustainability and Climate (CSC)
SDG Higher Committee Member



Mr. Victor Mendoza

Director of the Evaluation and
Academic Accreditation Center
(MC)
SDG Higher Committee
Member



Mr. Lester Bello

Programmer, Public Relations and
Media Center,
SDG Higher Committee Member

SDG 5 Committee



Dr. Heba Khoshaim
Vice President, Female Campus
SDG Higher Committee Member,
SDG 5 Committee Chair



Dr. Amira AlKhawaja
Assistant to the Vice President, WC
SDG 5 Committee Co-chair



Ms. Arooj Yaswi
Lecturer in College of Humanities & Sciences
SDG 5 Committee Member



Dr. Tanzila Saba
Associate Chair of Information Systems Department, Lab Leader of Artificial Intelligence & Data Analytics (AIDA). SDG 5 Committee Member



Dr. Norah Mansour Almusharraf
Assistant Professor, ERL leader & WTC Director
SDG 5 Committee Member



Ms. Hanan Alsubai
SDG 5 Committee Member





Ms. Shadden Almarshad
SDG 5 Committee Member



SDG 8 Committee





Dr. Jolly Sahni
Associate Director of MBA Program,
Director of Jubilation Office, SDG Higher Committee
Member, SDG-8 Committee Chair





Dr. Yazeed Alfakhri
Dean of Student Affairs
SDG-8 Committee Co-chair





Dr. Wala Metwally
Assistant Professor, Architecture Department
SDG-8 Committee Member





Ms. Hafsah Alekrish
SDG-8 Committee Member



Mr. Maruf Rahman
SDG-8 Committee Member



Ms. Roohi Jan
SDG-8 Committee Member



Ms. Hana Sultan
SDG-8 Committee Member

SDG 16 Committee



Dr. Emna Chikhaoui

Senior Compliance & Legal Manager,
Acting Director of Policies and Development Unit
SDG Higher Committee Member,
SDG-16 Committee Chair



Dr. Farida Saleem

Faculty Member in College of Business Administration
SDG-16 Committee Co-chair



Dr. Shafiqul Hassan

Assistant Professor in College of Law
SDG-16 Committee Member



Dr. Samaher Fallatah

Vice-Dean of College of Architecture and Design (CAD)
and Chair of Interior Design Department
SDG-16 Committee Member



Ms. Misbah Saboohi

Faculty Member, College of Law
SDG-16 Committee Member



Mr. Bryan Morales

Associate Director of the Evaluation and Academic
Accreditation Center(EAAC)
SDG-16 Committee Member



Mr. Feras Mahfoos

Admin, Deanship of Student Affairs
SDG-16 Committee Member

SDG 17 Committee



Prof. Mohammad Nurunnabi
Aide To The President Of Research, Ranking & Internationalization, Chair Accounting Department, SDG Higher Committee Co-Chair, SDG-17 Committee Chair



Ms. Tasneem Alsaati
Faculty, College of Business Administration
SDG-17 Committee Co-chair



Dr. Hazem Abu-Farsakh
Head of Department of Mathematics and Sciences in College of Humanities & Sciences
SDG-17 Committee Member



Dr. Elham Dannoun
Associate Chair of Department of Mathematics & Sciences in College of Humanities & Sciences
SDG-17 Committee Member



Dr. Tahira Hoke
Aide to the President,
Director of the Evaluation and Academic Accreditation Center (CW)
SDG-17 Committee Member



Ms. Muneera Aldhubaiban
Community Service Director,
Community Services &
Continuing Education Center
SDG-17 Committee Member



Dr. Sanjida Haque
Associate Director,
Center for Sustainability and Climate (CSC),
SDG-17 Committee Member

SDG 17 Committee



Prof. Hadeer Abouelnagah

Director,
Translating and Authoring Center
SDG-17 Committee Member



Dr. Samar Elsayad

Assistant Professor,
College of Business Administration
SDG-17 Committee Member



Mr. Victor Mendoza

Director of the Evaluation and Academic
Accreditation Center (MC)
SDG-17 Committee Member, SDG Higher
Committee Member



Mr. Lester Bello

Programmer,
Public Relations and Media Center
SDG-17 Committee Member,
SDG Higher Committee Member



Mr. Musharraf AlMuhanna

General Supervisor,
Public Relations and Media Center
SDG-17 Committee Member



Mr. Raid Fada Alsubaei

Translator & Social Media Coordinator,
Public Relations and Media Center
SDG-17 Committee Member



Dr. Najib Khan

Assistant Professor of Economics,
College of Business Administration
SDG-17 Committee Member

Role of Advisory Board

Prince Sultan University Center for Sustainability and Climate (CSC) is privileged to have an Advisory Board consisting of distinguished experts, academics and practitioners who all share a passion for sustainability. The unique cross-cutting aspect of sustainability defies traditional boundaries and requires bringing together a diversity of expertise across sectors and fields.

“Together, we will try to understand the challenges ahead and what future directions, are needed to succeed with our sustainability transformation” ”

It is widely recognized that this decade (2020-2030) is pivotally important in terms of action on the climate crisis, and more broadly, urgency to achieve each of the 17 UN Sustainable Development Goals which consider all aspects of a sustainable future, including dignity for all people and ecological integrity in all places. We have the key roles to play in advancing sustainability, being a role model for other universities and organizations through our own practices. The key functions of the Center for Sustainability and Climate (CSC) Advisory Board are as follows

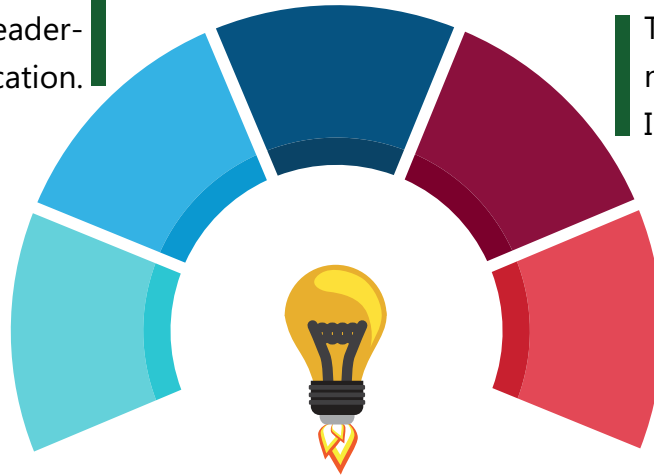
The advisory board provides critical input and guidance on PSU's sustainability efforts, particularly as it relates to our bold plans for continued leadership in sustainability in higher education.

The advisory board provides guidance to further key sustainability initiatives and achieve goals to support the broader community.

To provide advice on awareness of evolving societal needs as per the Saudi Vision 2030 and Saudi Green Initiative

The advisory board provides advice on the overall direction of the Center, its activities and its priorities.

To provide advice on Policy and Impactful Research on Sustainability and Climate



Advisory Board



Dr. Ahmed S. Yamani
President
Prince Sultan University,
Saudi Arabia



Prof. Mohammad Nurunnabi
PhD (Edinburgh), FAIA(Acad), SFHEA, FRSA, CMBE, CMA, FFA, FIPA, CPA
Director, Center for Sustainability and Climate (CSC), Aide to the President and Chair in Accounting Prince Sultan University, Saudi Arabia, Academic Visitor (Senior Member) in St Antony's College, University of Oxford, United Kingdom



Professor Wendy Purcell
Emeritus University President & Research Scholar with Harvard T.H. Chan School of Public Health, Harvard University, United States



Professor Nora Colton
Director of the Global Business School for Health (GBSH) at UCL (University College London), United Kingdom



Ms. May Barber
Partner / Creative Director, Ayed & Barber (A&B) Brand Management Advisory, Dubai



Mr. Duncan Ross
Chief Data Officer, THE (Times Higher Education), United Kingdom.



Mr. Mourad Benayed
Partner / Strategic Director, Ayed & Barber (A&B) Brand Management Advisory, Dubai



Dr. Ana Margarida L. Costa
Head of KAUST Sustainability at the President Office, King Abdullah University of Science and Technology, Saudi Arabia



Professor John W. Gunn
Adjunct Professor of Law at Georgetown Law Center, Georgetown University, United States, Former Tax partner at Ernst & Young, United States.



Dr. Sanjida Haque
Associate Director, Center for Sustainability and Climate (CSC)
SDG Higher Committee Member



Ms. Henrietta Trippett
Policy Advisor Climate Change - Foreign, Commonwealth and Development Office (FCDO), Riyadh, Saudi Arabia



Mr. Iain Patton
Higher Education Networks Advisor at Youth and Education Alliance -YEA!, UNEP (United Nations Environment Programme)

Advisory Board



Ms. Tana Alqurshi

Graduate Researcher, King Abdullah University of Science and Technology, Saudi Arabia



Mr. Majid Alasfoor

Partnerships Manager, Royal Commission for AIUla (RCU), Saudi Arabia



Dr. Eman Alhajji

Founder and President, Saudi Youth for Sustainability King Abdullah University of Science and Technology, Saudi Arabia



Dr. Mohammad Millat-e-Mustafa

Consultant at King Salman Humanitarian Aid and Relief Centre, Saudi Arabia



Mr. Abdulrahman Alghamdi

Head of Experimentation at Accelerator Lab, United Nations Development Programme (UNDP), Saudi Arabia



Ms. Abeer Manneh

Acting Director of Sustainability NEOM, Saudi Arabia



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Senior Sustainability Expert Saudi Telecom Company (STC), Riyadh, Saudi Arabia



Ms. Shahnaz Sultana

Chief Consultant & CEO of FINSalliance: Financial and Social Alliance, Founder of WE: Financial Alliance for Women in Banking and Finance, Bangladesh



Professor Zoe Robinson

Professor of Sustainability in Higher Education Director, Institute for Sustainable Futures, Keele University, Staffordshire, United Kingdom



H.H. Princess Alanoud Al Saud

Supervisor of Audit and Compliance section at a Confidential Government, Riyadh, Saudi Arabia



Ms. Maha AlSudairy

Research & Advisory Associate at a Confidential Government, Riyadh, Saudi Arabia



Mr. Sean MacHale

Partner and the Financial Services CCaSS Leader (Climate Change & Sustainability Services), EY, Ireland.

Advisory Board



Ms. Maryam Telmesani
Chair- Global Compact Network
Saudi Arabia, CSO- MBL, Sustain-
ability Consultant at the Fashion
Commission, Ministry of Culture,
Saudi Arabia



Professor Dennis Truax
Ph.D., P.E., BCEE, D.WRE, F.ASCE, F.NSPE
President of the American Society of
Civil Engineers (ASCE), White End.
Chair, Department Head and Professor,
Mississippi State University, United
States.



Mr. Frank Peters
FCSD, CDir, FIoD
Chief Executive Officer -
Chartered Society of Designers,
United Kingdom & Vice-Presi-
dent, Global Education Policy
Network



Dr. Hana Omar
Director of Community
Support and Acting Director
of International Relations and
Partnerships at King Salman
Humanitarian Aid and Relief
Centre, Saudi Arabia



Ms. Yasmin Fansa
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& North Africa, PepsiCo



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Accounting, Ministry of Nation-
al Guard - Health Affairs, Saudi
Arabia



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Chief of Cash Markets - Saudi
Exchange, Saudi Arabia



Mr. Bandar Al Blehed
Clients Relations Development
Head -Saudi Exchange, Saudi
Arabia



Dr. Dario Salerno
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Studies and Quantitative Methods
(DISAQ), University of Naples
"Parthenope", Italy



Ms. Nouf M. AlQahtani
Head of Corporate Communica-
tions & Sustainability

Sustainability Fellow



Prof. Mohammad Nurunnabi
PhD (Edinburgh), FAIA(Acad), SFHEA, FRSA, CMBE, CMA, FFA, FIPA, CPA
Director, Center for Sustainability and Climate (CSC), Aide to the President and Chair in Accounting Prince Sultan University, Saudi Arabia, Academic Visitor (Senior Member) in St Antony's College, University of Oxford, United Kingdom



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College of Computer and Information Sciences (CCIS)



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Dr. Enis Omerović
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College of Law (CL)



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Barrister & Solicitor, Ontario, Canada
Acting Associate Chair & Director, MCL Program, College of Law, PSU, Riyadh



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College of Law (CL)



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Dr. Zainab Rawshdeh
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College of Business Administration (CBA)



Prof. Francisco Bastida
Leader of the Environment, Social, Governance and Accountability Lab (ESGAL) at the Prince Sultan University.
Accounting, College of Business Administration (CBA)

Sustainability Fellow



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Accounting,
College of Business Administration (CBA)



Dr. Samar El Sayad

Assistant Professor of Accounting
College of Business Administration (CBA)



Dr. Amira Khattak

Marketing
College of Business Administration (CBA)



Dr. Alia Mitchell

PFHEA EdD (University of Cincinnati), Vice Dean, College of Humanities and Sciences (CHS) Director, Teaching and Learning Center (TLC) Linguistics and Translation Department in CHS



Prof. Hadeer Abouelnagah

Linguistics and Translation
College of Humanities and Sciences (CHS)



Prof. Mohamad Boudaina

Mathematics and Sciences
College of Humanities and Sciences (CHS)



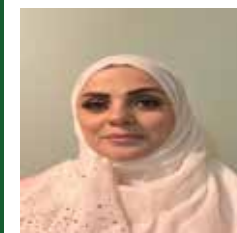
Dr. Ragheed Tawneh

General Studies
College of Humanities and Sciences (CHS)



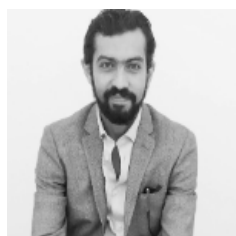
Ms. Fawzia Goni

PYP
College of Humanities and Sciences (CHS)



Dr. Israa Fardous

PhD (Aberdeen), RGU
Assistant Professor of Architecture and Design Department of Interior Design College of Architecture and Design (CAD)



Dr. Mohammed Ezzat Al-Atroush

Assistant Professor of Civil and Environmental Engineering, Member of the soil improv. Tech. Committee, ASCE-GI, Member of Structures and Material (S&M) Research Lab, Faculty Advisor of the PSU-ASCE Student Chapter, Engineering Management Department College of Engineering (CE)



Dr. Mahajan Sagar Bhaskar

PhD (UJ), SMIEEE
Assistant Professor, Renewable Energy Lab, Department of Electrical Engineering, College of Engineering, Prince Sultan University (PSU)



Dr. Wafa Abdelmajeed Labib

Ph.D., F.HEA, M.ASCE, Architecture
College of Architecture and Design (CAD)

Sustainability Fellow



Dr. Hana Omar

Director of Community Support and Acting Director of International Relations and Partnerships at King Salman Humanitarian Aid and Relief Centre, Saudi Arabia



Dr. Sana Malik

Associate Professor, University of Management and Technology (UMT), Pakistan



Dr. Yasir Javed

Computer Science
College of Computer & Information Sciences (CCIS)



Dr. Tanzila Saba

Chair of Information Systems Department
College of Computer & Information Sciences (CCIS)



Dr. Dario Salerno

Department of Management Studies and Quantitative Methods (DISAQ), University of Naples "Parthenope", Italy



Dr. Jolly Sahni

Associate Director of MBA Program,
Director of Jubilation Office
SDG Higher Committee Member,
SDG-8 Committee Chair



Dr. Luisa Alexandra Pinto

Associate Professor, Management Department
College of Business Administration



Ms. Ghazala Imran

Lecturer
College of Humanities and Sciences



Ms. Inas Al-Saqqaf

BA, MPA, PhD student (ED)
Educational Administration & Management
Universiti Sains Malaysia (USM)



Impact Rankings



Kingdom of Saudi Arabia



Global

Overall ranking

4

200-300

SDG 5 (Gender Equality)

3

100-200

SDG 8 (Decent work and economic growth)

4

93

SDG 16 (Peace, justice and strong institutions)

3

101-200

SDG 17 (Partnerships for the goals)

2

100

142





PSU SDG Club

Who we are

Prince Sultan University SDG Club as part of the Center for Sustainability and Climate (CSC) aims to engage students in higher education to achieve Saudi Arabia's Vision 2030 and in the global effort to contribute to the UN Sustainable Development Goals 2030 (SDG) agenda towards sustainability and climate justice, as well as empower them with the knowledge, skills, and pathways to action to be effective agents of change today.

The PSU SDG Club coordinates educational events, social events, spread awareness, and advocate for sustainable initiatives at the university and among the student population in Saudi Arabia and the region. We, the member, educate ourselves and others about important environmental and sustainability issues as well as develop a collective language and vision among the students' community. The PSU SDG Club also facilitates collaboration and helps get project ideas off the ground.

Our Sustainability Initiatives and Campaigns

- GO GREEN Initiative
- Zero Waste Campaign
- Earth Day
- UN SDG and Climate Week
- Youth Sustainability Leaderships Certification
- Volunteering at Center for Sustainability and Climate (CSC)

Vision

To Act, Build and Collaborate work towards the global Sustainable Development Goals and impact the community

Mission

To educate students about environmental and climate issues, and bring students together to discuss pressing Sustainable Development Goals (SDG) issues and host events, volunteer and assist in SDG initiatives, and connect with the local and global community. The individual work will make a collective impact on the challenges posed by integral sustainability.

Theory of Change and Impact



Act on
Environment and
Climate



Build Youth
Sustainable
Community



Collaborate,
Change and Impact
the Community

PSU's commitment to SDG 2030

Mission

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



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